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CROFT LILIES FOR QUALITY POT PLANTS

Vaughan's **BOOK FOR FLORISTS** *Autumn 1947*

601 W. JACKSON BLVD., CHICAGO 6—47 BARCLAY ST., NEW YORK

We Pay Ocean Freight and Duty

Consider this when comparing prices in this catalog with those quoted by Dutch salesmen.

When you buy from Vaughan's you are charged only with the prices quoted. You do not have to pay, in addition to the invoice price, which may have seemed low when you placed the order, substantial additional charges to cover ocean freight, duty, and other expenses which you had no way of estimating in advance.

We pay all these; they are covered by our prices, and, because we import large quantities and handle shipments in the most efficient manner, your share is much reduced. Handling charges from Holland, and all freight charges will be much higher than last year.

Weather in Holland has been unfavorable as it has been in this country. Advises on bulb crops state:

HYACINTHS, only fair. Sizes averaging smaller.

TULIPS, fair; it is expected the amount of saleable bulbs will be 20 to 25 percent less than last season.

CROCUS, severely damaged; only medium crop expected.

NARCISSI, severely damaged.

MISCELLANEOUS BULBS, good.

Exports to other countries will be heavier, and prices are stiffening, with prospects of further rises. Lilies are an exception, and except for Rubrum, will be somewhat lower than last year, especially Croft lilies.

American Narcissus production in Oregon and Washington continues short, with prices about the same as last year.

All orders for Holland Bulbs placed with us before June 15th at open prices will receive a special Import Rate.

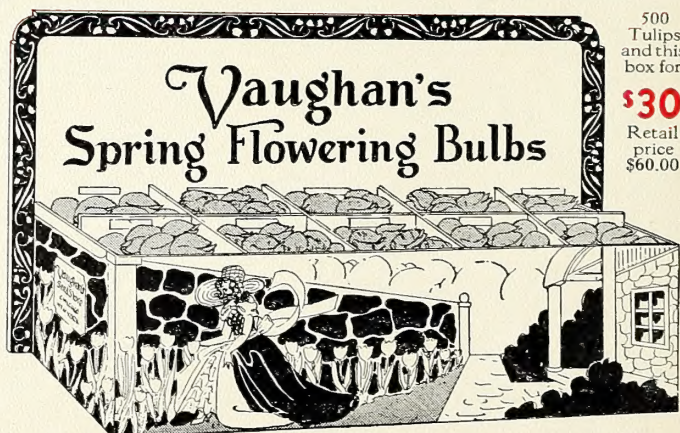
Double Your Money on Tulips Sold from this Attractive Display

MERCHANDISING bulbs belongs to the florist, who can supply expert advice to purchasers. Profits are large; there is no spoilage; and the business harmonizes with the florist's line, an important point. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$30.00

We use FIRST SIZE BULBS, the size which sells best over the counter. The 10 named varieties (50 each) of good named varieties. The price to you is \$30.00 for the box and 500 bulbs of 10 named varieties. You retail them for \$1.50 a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for \$29.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$58.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. Varieties Subject to Change Without Notice.



Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.

CHICAGO
601 West Jackson Blvd.

Vaughan's Seed Company

NEW YORK
47-49 Barclay Street

ALL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Secrets of Success in Forcing Fall Bulbs

Success in forcing tulips, narcissi, hyacinths, and iris in greenhouses and cold frames is largely dependent upon temperature control. All the factors which influence healthy growth are discussed in the following digest. It combines the basic principles originally established by scientific investigation in Holland, with the results of long experience in producing and forcing tulips under conditions prevailing in the United States. Every florist who attempts to grow these bulbs in a greenhouse or cold frame should be familiar with the facts which follow.

PRINCIPLES OF GROWTH ON TULIPS AND NARCISSUS

In forcing bulbs exact temperature control must be maintained for optimum results. Following are some of the growing principles that must be followed to get consistently good results from year to year.

When you receive bulbs from us, initiation of their flower buds is complete, and the floral parts may be examined by cutting a few bulbs horizontally with a knife and examining with a microscope. All the parts of the flower should be visible including petals, stamens and pistil. To find the flower bud, start cutting the bulb in the center and gradually work down by small segments in layers. The leaves will surround the flower, and will be cut first, and should not be confused with the flower part. Most varieties respond best to 68° F until the bud has been initiated in the bulb. After bud initiation 48° F is the proper storage temperature.

Precooling is the procedure of controlling the temperature so that the leaves, stem and flower bud elongate most rapidly in proper balance with one another. Most varieties respond best at 48° F for the elongation period. Vaughan's precooled bulbs have been given the optimum elongation temperature, as soon as possible after bud initiation has been complete, so that the best and earliest blooms possible can be obtained.

PROCEDURE FOR GROWER TO FOLLOW

Upon receiving either precooled or regular Tulip bulbs, plant them at once and grow them as close to 48° F temperature as possible until the shoots are about 2 to 3 inches high. When the plants are at least 2 to 3 inches high they may be moved to the greenhouse bench at listed dates for each variety. When the shoots start to emerge, it is wise to spray all flats or pots with a solution of fermate made in the proportion of 1 pound of fermate to 100 gallons of water with 4 ounces of Grasseli S. S. 3 combined spreader and sticker. This spray will control and prevent the spread of fungous diseases including Botrytis, or tulip "Fire". A dust of 50% sulfur and 50% hydrated lime can also be used with good results particularly as a preventive. This dust should be applied freely after each watering until the flats or pots are removed to the growing bench.

Tulip bulbs can never be "forced" without taking unnecessary chances of white tip, bud blast or soft, poor quality bloom. If the temperature control has been followed as above, the best and earliest bloom will result without growing at above 60° F. Only certain varieties respond favorably to precooling and early forcing, and poor results will be obtained if late varieties are put in the growing bench too soon. Bulb seasons vary as to their early forcing qualities, and it is necessary to play a little on the late side by a week or so rather than risk the entire crop. 60° F means Day and Night temperatures,

and we recommend growing the first two weeks in the bench at 55° F. We have seen bulbs grown at 60° F come perfectly one week after those grown at 67° F had white tip and blasted buds. We recommend the following varieties for early bloom in order of benching and earliness. Single Early and Mendel tulips come into bloom early but their substance generally does not come up to Cottage or Darwins. Approximate dates follow.

PRECOOLED TULIPS

	Benching	Blooming
Albino	November 30	January 1
Golden Harvest	December 10	January 10
Rose Copeland	December 10	January 10
Wm. Copeland	December 10	January 10
Wm. Pitt	December 20	January 20
Bartigon	December 31	February 10

REGULAR TULIPS

Albino	December 14	January 21
Golden Harvest	December 21	February 1
Rose Copeland	December 21	February 1
Wm. Copeland	December 21	February 1
Wm. Pitt	December 31	February 10
Bartigon	January 10	February 20

Varieties may be held for later blooming by continuing the growing at 48° F until the plants are almost ready to bloom in storage or by growing cooler than 60° F on the bench. Tulips should be planted in well drained soil, and not over watered or under watered. They will need more frequent waterings on the bench than in storage. Any well balanced fertilizer improves the color of foliage and flowers, but do not use an overdose.

If it is impossible to plant bulbs at once on their arrival, at least unpack and store them as close to 48° F as possible. Nothing will spoil them faster than temperatures above 70° F.

If you are going to grow them in a cold frame, pick a site with good drainage and water with cold water thoroughly before placing the flats or pots. A shady spot is preferable so that the sun does not keep the soil temperature high during possible warm Fall days. Cover the flats or pots with 3 or 4 inches of sand so that sprouts will not be broken easily when the time comes for moving into the greenhouse. Where winters are severe, put on a heavy layer of leaves or straw just before hard freezes are apt to come in your temperature zone. Spray the tops of pots or flats with Fermate mixture or dust with sulfur mixture on bringing into the greenhouse. Grow day and night at 60° F or below; or 55° F at night and 63° F during the day. Generally

speaking tulips grown in storage that is too cold will grow too short with large flowers; if grown in storage that is too warm the flowers will be small on thin, weak stems. Extreme heat in the greenhouses, any temperature from 67° F and up, may cause buds to blast or flower tips to turn white, and have poor color. If the plants become dry at any stage of growth bud blast will result.

We strongly recommend treating all tulip bulbs before planting by dusting with Spergon at the approximate rate of 1 lb. for each 3000 bulbs. Spergon is obtainable in units of 1 oz., 1 lb., 10 lbs. and 100 lbs. This treatment results in giving more even growth of plants by better rooting conditions.

IRIS

Iris bulbs do not have the flower buds initiated until the plant is approximately 2½ inches high in growth and large sizes only may be used for early flowering. Upon receipt of Iris Wedgewood 10 ctm. and up you should plant them and grow at 55° F, not higher, in the bench or in storage; 48° F would be acceptable but delays growth about one week. After the plants are 2½ inches high they should be definitely moved to the greenhouse and the day or night temperature should never be allowed to go above 60° F. Iris need lots of water and can not withstand dry soil conditions. Plant the bulbs shallow in deep flats. Late varieties or small sized Iris bulbs should be grown more slowly at about 45° to 50° F until about two weeks before blooming time when the temperature may be raised to 60° F days and 55° F nights. Plant Iris in deep flats so the roots have plenty of room, and the plants require good light conditions. Foliage may be trimmed as necessary to allow more light and decrease evaporation and drying out of flats, benches or pots.

NARCISSUS KING ALFRED

Plant all Narcissus bulbs as soon as received. Bulbs should be grown at 48° F until the shoots are 2 to 3 inches long at least. It does not hurt them to be left in much longer. Precooled King Alfred may be put on the bench as soon as they are 3 inches long. Grow at 60° F for three weeks and finish at 65° F. Narcissi like well drained soil, but water when heavy foliage growth is in crop. November 28 should be about the proper date to set precooled stock on the bench from the bulb cellar or cold frame. Regular stock of King Alfred should follow 2 to 3 weeks later, continuing with other varieties as their foliage indicates on forcing types.

We recommend treating all hardy Narcissus such as King Alfred and especially the Bicolors, by dusting Tersan on the bulbs at approximate rate of 1 lb. per 2500 bulbs for the prevention of basal rot in Narcissus, and for more even plant growth. Tersan is obtainable in units of 8 oz., 4 lbs., 25 lbs. and 100 lbs.

HYACINTHS

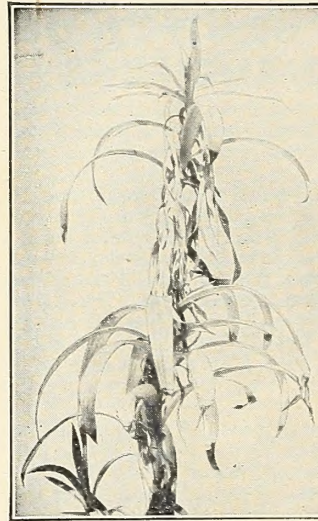
Hyacinths if not planted immediately should be stored at 70° F in a dry place. Delayed planting is permissible for getting quality blooms late. Grow at 50° F in storage until the flower bud is entirely out of bulb at which time transfer to greenhouse for growing on gradually, increasing the temperature up to 70° F over a period of two weeks.

BULB CULTURE SUMMARIZED

The principal points for success with bulb stock of Tulips, Iris and Narcissus are:

1. Order and plant Tulips and Narcissus on time from September 1 to October 15. Best results out doors are obtained from these planting dates also.
2. Use moist soil in planting bulbs, and plant shallow so there is plenty of food and room for the roots. Water well after planting.
3. After unpacking as soon as received, store bulbs as close to 48° F as possible. Bulbs give off heat; in closed containers this can be serious.
4. Plant as soon as possible, and grow at 48° F until plants are 2 to 3 inches high. All bulbs should be well rooted before being brought into greenhouse. 48° F is a good rooting temperature. If bulbs have heaved up in the flats or pots by their rapid rooting, they should be pressed down again with careful handling.
5. In the greenhouse grow cool, never above 60° F early, or 65° F for last two weeks of growth.

6. Do not allow flats or pots to dry out.
7. Do not plant Iris too close on benches, 3 inches apart in 4 inch rows is about right, or 3½" x 3½" in flats.
8. Use preventive spray or dust on Tulips.
9. Watch out for bright days raising house temperatures above maximum allowed. Nothing will spoil them faster than temperatures above 70° F.
10. Get to know varieties.
11. Buy from a reliable source where honest size of bulbs, and true varieties can be expected on delivery.
12. Overhead heat is best for bulb culture as pipes under the bench often heat the plants more than the house thermometer indicates. Where pipes under the bench are used it is wise to string a roll of wrapping paper about a foot high above the edge of each side of the bench. This prevents warm air from circulating up around the side of the bench and drying and heating flats along the edges.
13. We have found dusting bulbs with Spergon is a good preventive of rooting troubles in Tulip culture, particularly in late field plantings.
14. Check your thermometers for accuracy. It is not unusual to find thermometers 5 degrees off and this could ruin a bulb crop run at 65° F close to maximum.



DIEBACK



BUNCHY TOP

TYPICAL LEAF NEMATODE INJURY

CROFT LILY LEAF NEMATODES

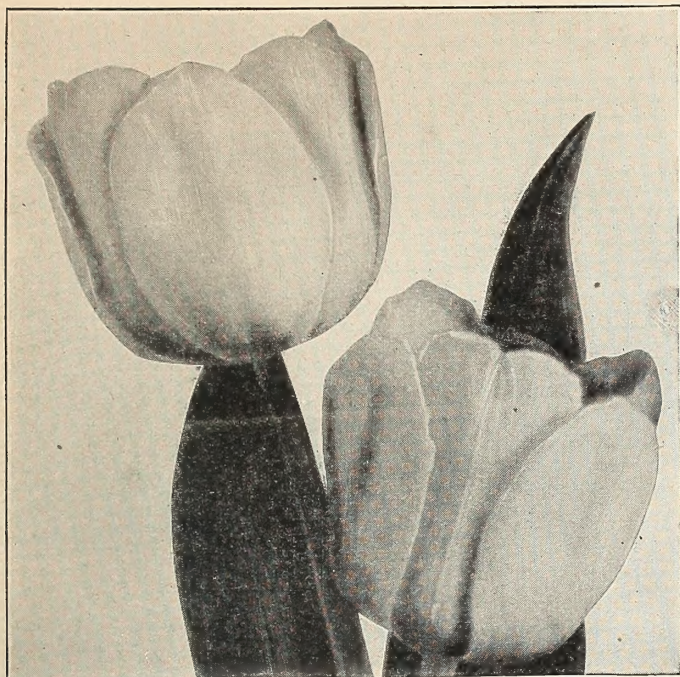
A spreading infestation of leaf nematodes has appeared in the Croft Lily fields of the west coast. Injury by these microscopic pests results in a deformation of the plants and the nematodes from infested bulbs grown in greenhouses may multiply rapidly and spread to adjacent healthy plants.

Florists will take big chances in ordering bulbs from uninspected fields. We have had to reject bulbs of several growers who were formerly among our best suppliers. Nematodes multiply rapidly at greenhouse temperatures and moist air. They spread from plant to plant in moisture on the leaves. Overhead syringing, especially with warm water, will hasten the spread.

Diseased plants should be removed and destroyed as soon as detected. Symptoms appear in several forms: (1) Dieback, distinguished by leaves in the center of the plant turning yellow, followed by fire or botrytis turning them brown. (2) Bunchy top, the main stem divides into several stems, forming a bunchy top, with leaves tending to curl and harden. (3) Bud Blast, a symptom found usually in plants where primary bulb infestation carried over. Take particular note of plants showing bud blast. Throw out any suspicious plants.

Vaughan's Tulips

The Cream of The Larger Growers Crops



DARWIN TULIPS

Darwin Tulips

Next Easter will be March 28, 1948, an exceptionally early date. This means early planting of all Easter stocks to insure that they will flower in time for most profitable sale.

Cut Tulips sold in the early months of 1947 brought excellent prices. The earlier your flowers are brought in, the better are chances of a good market. By placing your order early, your bulbs will be shipped as soon as they arrive this fall, and you can get them growing quickly.

*Varieties marked (F) can be forced in gentle heat.

	Tops		First Size	
	12 ctm. and up	1000	11-12 ctm.	1000
Afterglow. Soft apricot orange, tinged pink.....	\$7.00	\$65.00	\$6.00	\$55.00
Allard Pierson. (F) Glossy deep red.....	5.50	50.00	5.00	45.00
All Bright. (F) Carmine red.....	5.50	50.00	4.75	43.00
Bartigon. (F) Fiery crimson.....	5.50	50.00	5.00	45.00
Bleu Aimable. Bright violet purple.....	7.00	65.00	6.00	55.00
Chas. Needham. Scarlet red.....	7.00	65.00	6.00	55.00
Campfire. (F) Deep carmine red. Improved Bartigon.....	5.50	50.00	5.00	45.00
Clara Butt. (F) Soft salmon-pink.....	6.50	60.00	6.00	55.00
City of Haarlem. (F) Cardinal red.....	7.00	65.00	5.75	52.50
Farncombe Sanders. (F) Rich brilliant scarlet.....	6.25	57.00	5.50	48.00
Faust. Satiny purple.....	6.50	60.00	5.50	50.00
Glacier. Pure white.....	7.00	65.00	6.50	60.00
Gloria Swanson. Rosy-red.....	6.50	58.00	5.50	48.00
Herodiade. (F) Rose-pink.....	6.50	58.00	5.50	48.00
Insurpassable. (F) Lilac.....	6.50	60.00	6.00	55.00
King George V. (F) Cherry-rose.....	7.00	65.00	6.00	55.00
La Tulipe Noire. Finest black.....	6.50	60.00	5.50	50.00
Matchless. (F) Delicate old rose, wonderful for pots.....	6.50	58.00	5.50	48.00
Niphetos. (F) Lemon yellow.....	7.00	65.00	6.00	55.00
Philip Snowdon. (F) Deep pink.....	5.50	50.00	5.00	45.00
Pride of Haarlem. Carmine rose.....	6.00	55.00	5.50	50.00

DARWIN TULIPS—Continued

	Tops		First Size	
	12 ctm. and up	1000	11-12 ctm.	1000
Pride of Zwanenburg. Beautiful old rose.....	\$7.00	\$65.00	\$6.50	\$60.00
Princess Elizabeth. (F) Soft rose with silvery margin, white base. Extra fine forcer.....	6.50	58.00	5.50	48.00
Prunus. (F) Prunus pink.....	6.00	55.00	5.00	45.00
Red Pitt. (F) Pure red Wm. Pittsport; good forcing qualities.....	7.00	65.00	....	....
Rev. H. Ewbank. (F) Vivid heliotrope-lilac.....	6.00	55.00	5.00	45.00
Rose Copeland. (F) Lilac-rose.....	5.50	50.00	4.75	42.50
The Bishop. Violet blue.....	6.75	62.50	5.75	52.50
Utopia. (F) Brilliant red. Extra fine forcer. Better try it this year.....	6.50	60.00	6.00	55.00
Victoire D'Oliveira. (F) Carmine red, good forcer.....	5.50	50.00	5.00	45.00
Wm. Copeland. (F) Bright violet; for forcing.....	5.50	50.00	4.75	42.50
William Pitt. (F) Brilliant carmine.....	6.00	55.00	5.25	47.00
Yellow Giant. Golden yellow.....	6.00	55.00	5.00	45.00
Zwanenburg. Pure white, black anthers	6.00	55.00	5.00	45.00
FINEST MIXED.....	5.50	50.00	4.50	40.00

Cottage Tulips

Advance. Orange-scarlet.....	6.50	58.00	5.50	48.00
Albino. (F) Pure white.....	6.75	62.50	5.75	52.50
Carrara. (F) Pure white.....	6.00	55.00	5.50	50.00
Dido. Orange-red.....	6.50	58.00	5.00	46.00
Golden Harvest. (F) Soft lemon yellow.....	6.25	57.00	5.25	47.00
Inglecombe yellow. (F) Canary yellow.....	6.00	55.00	5.00	45.00
Mount Erebus. (F) Pure white.....	7.00	65.00	6.50	60.00
Moonlight. (F) Soft pale yellow.....	6.75	62.50	6.00	55.00
Mother's Day. (F) Lemon yellow.....	6.00	55.00	5.50	48.00
Mrs. J. T. Scheepers. Pure yellow.....	6.75	62.50	5.75	52.50
Rosabella. Deep rose light edges.....	7.00	65.00	6.00	55.00

Breeder Tulips

Bacchus. Dark violet blue.....	7.00	65.00	6.00	55.00
Cherbourg. Deep orange-yellow.....	7.00	65.00	6.00	55.00
Dillenburg. Salmon-orange.....	6.50	60.00	5.50	50.00
Don Pedro. Coffee brown.....	7.00	65.00	6.00	55.00
Indian Chief. Mahogany red.....	7.00	65.00	6.00	55.00
Lucifer. Orange-red.....	7.00	65.00	6.00	55.00
Louis XIV. Rich purple with golden bronze.....	7.00	65.00	6.00	55.00
Panorama. Brownish orange scarlet.....	7.00	65.00	6.00	55.00
Prince of Orange. Orange-scarlet.....	7.00	65.00	6.00	55.00
Yellow Perfection. Olive yellow color.....	7.00	65.00	6.00	55.00

Triumph Tulips

This new race is the result of crosses between the Early Single Tulips and the Darwins. They can be forced very easily.

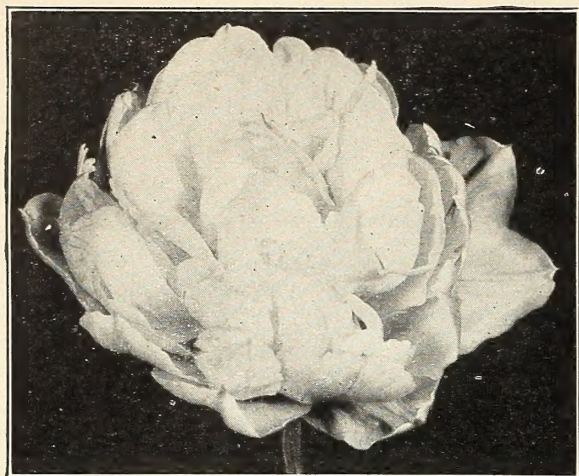
Alberio. (F) Deep wine-red.....	5.50	50.00	5.00	45.00
Crater. (F) Deep carmine-red.....	6.00	55.00	5.50	50.00
Corneforus. (F) Carmine-red.....	5.50	50.00	5.00	45.00
Elizabeth Evers. (F) Deep pink.....	6.00	55.00	5.50	50.00
Kansas. (F) Snow white.....	6.00	55.00	5.50	50.00
Telescopium. (F) Violet-rose.....	6.00	55.00	5.50	50.00
URSA Minor. (F) Golden yellow.....	6.00	55.00	5.50	50.00

DON'T LET YOUR BULBS FREEZE

If you do not have a bulb cellar and are obliged to store your bulbs outside be sure you have them set on cinders or ashes so they get plenty of drainage. When the bulbs are put in flats or pots and then placed on cinders they should be covered with sand or fine ashes at least three inches above the pots or flats. When real cold weather sets in cover with straw or manure. If you hard freeze the bulbs you can look for trouble.

Due to crop conditions please allow us to substitute other varieties and sizes on your order for Tulips.

Vaughan's Early Double Tulips



DOUBLE TULIP MOUNT TACOMA

		Tops		First Size	
		12 ctm. and up	1000	11-12 ctm.	1000
Double Pink					
★ 8a	Electra. Beautiful dark-rose sport from Murillo.....	100	1000	\$6.50	\$55.00
★ 8a	Peach Blossom. Bright pink.....			6.00	55.00
15b	Triumphator. Immense double pink, dark salmon, an excellent variety.....			6.50	58.00
Double Red					
8b	Rubra Maxima. Dazzling scarlet.....			5.50	50.00
★ 9b	Vuurbaak. Bright scarlet with orange flush.....			6.00	55.00
Double Yellow					
★ 10a	Couronne d'Or. (Crown of Gold), Beautiful rich golden yellow; marked with orange red, fine forcer.....			7.00	65.00
★ 8a	Mr. Van der Hoeft. Pure yellow.....			6.00	55.00
Double White					
★ 12b	Schoonoord (White Murillo), pure white.....			6.00	55.00
Double Striped or Otherwise Colored					
★ 8b	Orange Nassau. Deep orange red.....			7.00	65.00
★ 8a	Toreador. Scarlet-edged, buff-yellow.....			7.00	65.00

Double Late Tulips

These flower with the Darwin tulips. The flowers are very large and full. Resemble peonies.

		Tops		First Size	
		12 ctm. and up	1000	11-12 ctm.	1000
Bleu Celeste. (Blue Flag) (17 in.) An attractive tone of pale bluish purple, which combines with other colors beautifully.....					
		\$7.50	\$70.00		
Coxa. (20 in.) Carmine-red. Vermilion edged very small white border. Large flower. Very fine for border planting. Doz.....					
		6.50	60.00		
Eros. (20 in.) The large double flowers are of a deep true pink with silvery high-lights. Its double flowers, borne on tall, strong stems, are compared to peonies by all who see them, but we do not know any peony which has its lovely coloring.....					
		6.50	60.00		
Mount Tacoma. (24 in.) A magnificent giant double white Tulip which reminds one of a peony in full bloom; superb for beds.....					
		7.00	65.00		

Parrot Tulips

Standard Varieties

		Tops		First Size	
		12 ctm. and up	1000	10-11	1000
Cramoise Brilliant. Crimson flushed orange.....		100	1000	100	1000
Luten Major. Clear yellow with green markings.....				11-12 ctm.	
Markgraaf. Orange flushed brown red.					
Couleur Cafe. Brown and yellow....					
Fantasy. Salmon pink with green markings.....		\$6.75	\$58.00	11-12 ctm.	\$5.50 \$50.00

NEW NAMED VARIETIES

Blue Parrot. Petals bright purple blue, Parrot of Darwin Blue Aimable, strong stem.....				\$ 8.00	\$75.00
Red Champion. Parrot of Darwin Bartigon, not quite so large as Fantasy, but born on strong stem, deep red colored.....				8.00	75.00
Sunshine. Pure butter yellow. Parrot of Cottage Bouton d'Or.....				16.00	145.00
Violet Queen. Sport from Opal Queen, violet.....				8.00	75.00

Single Early Tulips

		Tops		First Size	
		12 ctm. and up	1000	11-12 ctm.	1000
Single Scarlet, Orange and Crimson					
★ 7a	Brilliant Star. Vermilion-scarlet; very early.....	100	1000	\$5.50	\$50.00
★ 8b	Couleur Cardinal. Brilliant crimson; fine bedder.....			6.25	57.00
7b	Cramoisi Brilliant. Bright scarlet.....			5.50	50.00
★ 10b	Fred Moore. Dark orange, edged yellow.....			5.50	50.00
★ 8a	Prince of Austria. Orange-vermilion; large.....			5.50	50.00
★ 7b	Vermilion Brilliant. Dazzling vermilion-scarlet, very fine for pots, and showy bedder.....			7.00	65.00
Single White					
17a	White Hawk. White; very fine..			5.50	50.00

		Tops		First Size	
		12 ctm. and up	1000	11-12 ctm.	1000
Single Pink and Rose					
★ 12a	Ibis. Dark brilliant pink.....			\$5.50	\$50.00
12b	Pink Beauty. Bright rose-pink shading to blush-white.....			7.00	65.00
Single Striped, Margined					
★ 18a	General DeWet. Golden, flushed and stippled fiery-orange-scarlet.			6.25	57.00
10b	Keizerskroon. Red, with distinct wide golden border, one of the finest early tulips.....	\$7.50	\$70.00	6.25	57.00
Single Yellow					
★ 10b	Rising Sun. Golden yellow.....			6.25	57.00
★ 8b	Yellow Prince. Golden yellow; fine forcer.....			5.50	50.00

Due to crop conditions please allow us to substitute other varieties and sizes on your order for Tulips.

Imported Hyacinths OF GOOD QUALITY

Hyacinths of this year's crop are of good quality even with an unfavorable growing season. However, the demand here and other countries is much larger than last year and prices are advancing. At present prices hyacinths offer to the florist one of the best opportunities to grow at a minimum risk and cost pot plants of first quality, which can be sold at good prices in the spring market. Miniature size bulbs grown in flats for cut flowers offer a sure crop and good profit.



Due to crop conditions please allow us to substitute other varieties and sizes on your order for Hyacinths.

Single Blue	Single Red and Rose
Bismarck. Bright light blue.	Gertrude. Rose-pink, medium early.
Grand Maitre. Dark porcelain, medium early.	Jan Bos. Scarlet.
King of the Blues. Dark, medium early.	La Victoire. Brilliant dark pink.
Queen of the Blues. Light, fine spike.	Marconi. Bright pink.
	Pink Pearl. Rosy pink.
	Queen of Pinks. Choice pink.
Single White	Single Yellow
L'Innocence. Pure white, compact truss on short stem, fine for pots.	City of Haarlem. Golden yellow.

	Prices	Doz.	100	1000
19 ctms. and up (Top Size)		\$2.50	\$18.00	\$175.00
18-19 ctms. (First Size)		2.20	16.00	155.00
17-18 ctms. (Second Size)		1.90	14.00	135.00
16-17 ctms. (Third Size)		1.70	12.00	115.00
15-16 ctms. (Bedding Size)		1.55	11.00	105.00
14-15 ctms. (Miniature Size)		1.40	9.50	90.00

French-Roman Hyacinths

These extremely early flowering hyacinths with their long spikes and well placed bells make excellent material for design work, when stock is scarce. Also very useful for retail outflower work during the holidays. Grow in flats and use for cutting same as Paper Whites.

	Doz.	100	1,000
White. 12-13 ctms.	\$1.80	\$13.00	\$125.00
White. 13-14 ctms.	2.00	15.00	140.00
Blue. 14 ctms.	1.10	7.50	70.00
Pink. 13 ctms.	1.55	11.00	100.00

NARCISSI—AMERICAN AND HOLLAND GROWN

Our Holland-grown bulbs will come from a grower that has kept up his stocks even after the U. S. embargo went into effect in 1926, because of a good demand from other countries.

Our American-grown bulbs are grown in Oregon, and Washington where narcissi bulbs grow best. The most modern implements are used so that bruising and disease are reduced to minimum. After digging, our bulbs are stored in temperatures that have been found most satisfactory by eminent English and Dutch experimenters. This temperature treatment hastens the flowering period and keeps the bulbs firm.

One of our representatives makes an inspection each season when the bulbs are in bloom and again after the bulbs have been lifted and placed in trays in the warehouses. Therefore our customers are assured of the best quality.

KING ALFRED (Trumpet Variety)	Per 100	Per 1,000
Holland Grown DN #1	\$10.00	\$95.00
American Grown Bulbs. Double Nose No. 2.	8.00	75.00
American Grown Bulbs of King Alfred D. N. No. 1 are all sold out for this season.		

YELLOW TRUMPET VARIETIES	Double Nose 100	1,000
Aerolite. Deep primrose perianth with yellow trumpet.	\$12.00	\$110.00
Emperor. Perianth primrose deep yellow trumpet	10.00	92.00
Golden Harvest. Very large rich golden yellow	11.00	105.00
Minister Talma. Golden Yellow.	9.00	85.00
The First. Perianth pale yellow, trumpet yellow.	9.00	85.00

BI-COLOR VARIETIES	Double Nose 100	1,000
Spring Glory. White perianth, yellow trumpet.	10.00	95.00
Victoria. White perianth, yellow trumpet.	10.00	95.00

OTHER CLASSES

Actaea. (Poeticus)	8.00	75.00
Cheerfulness. (Poetaz)	8.00	75.00
Diana Kasner. (Barri)	8.00	75.00
Early Perfection. (Poetaz)	8.00	75.00
February Gold. (Cyclamineus)	10.00	95.00
Laurens Koster. (Poetaz)	7.50	70.00
Poeticus, Horace	7.00	65.00
Ornatius	7.00	65.00
Recurvus	7.00	65.00

OTHER CLASSES—Continued

	Double Nose 100	1,000
Sir Watkins. (Incomparabilis)	\$ 9.50	\$ 90.00
Twink. (Double) Primrose and clear orange.	13.00	125.00
Von Sion. (Double) Yellow.	9.50	90.00
Special Mixed. For outdoor planting. This mixture is made up of Single and Double Nose Bulbs	6.00	55.00

Should we be sold out of Double Nose Bulbs, please allow us to send either Double Nose Number two or Round Bulbs.

NARCISSUS PAPER WHITE

From the finest crop harvested in Florida.

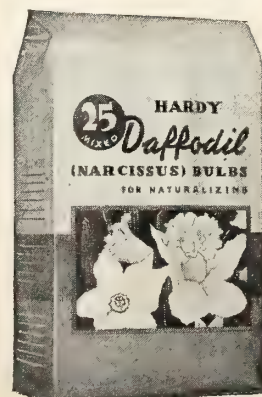
Crop again this year is very limited. The fields when in flower are inspected by our bulb man who also will look after the Grading and Packing of the bulbs so as to give our customers the best the season affords.

	100	1,000
12 ctms. (Buy these to compete with chain stores).	\$3.50	\$29.00
13 ctms.	4.50	37.50
14 ctms.	5.25	46.00
15 ctms.	6.00	55.00

Grand Soliel D'Or. Yellow Paper White.		
14-16 ctms.	5.50	50.00
15-16 ctms.	6.50	60.00

CHINESE SACRED LILIES

14-16 ctms.	5.50	50.00
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Sell Daffodils This Fall

25 mixed hardy daffodils in picture packages, 10 pkgs. \$ 12.50
Retail for 20.00
Profit \$ 7.50

20 packages for \$24.00;
Prices F. O. B. Chicago.

Also Packed 12 Bulbs, Picture Package, Each, 65c; 10 Package Lots, 60c Each.

Mixed hardy daffodils are lower in price than tulips this fall for the first time we remember, and by almost 50%! Many more should be sold, in view of the tulip shortage. We offer a special picture package in brilliant color containing 25 mixed bulbs, and giving cultural instructions. Sure to be a rapid seller. No waste, no picking over.

Vaughan's American Grown Lily Bulbs

This year more than ever growers must be very careful to know their source of supply so as to get bulbs that are clean, grown right, and prepared with the correct storage until shipped to give you best results at Easter time. A few pennies saved on the cost of your bulbs may cost you many dollars in the long run.

CREOLE LILIES (Certified Louisiana Grown.) LOUISIANA QUEEN

In Louisiana Queen, we offer the cream of the Louisiana crop. The bulbs are certified by the state entomologist to have less than 5 percent (5%) fleck. Contrast this with the fact that many fields inspected by our bulb buyers show sixty to ninety percent fleck. Such stock does not produce satisfactory bulbs for greenhouse forcing, as the flowers come deformed, split or blast buds easily.

Our bulbs will be kept at the proper temperature while being packed for shipment in ventilated sheds, and then loaded in iced refrigerator cars. We expect to have some bulbs ready for planting in September to produce flowers in January and February.

	100	Case
7- 8 inch (250 bulbs to case).....	\$25.00	\$60.00
8- 9 inch (200 bulbs to case).....	36.00	70.00
9-10 inch (100 bulbs to case).....	46.00	.....

CROFT LILIES

Because the growing season of Croft lily bulbs on the west coast is at least two weeks earlier this year we expect to make delivery in ample time to force for Easter where 60 degree temperatures can be maintained.

To insure this our bulbs will be generously graded and they will be cooled properly for easy forcing in 130 days at 60 degrees with maximum bud count. All bulbs will be from inspected fields, free from leaf nematodes. For description of this pest see Page 2.

	100	Case
7- 8 inch, case lot, 250.....	\$18.00	\$40.00
8- 9 inch, case lot, 200.....	30.00	55.00
9-10 inch, case lot, 150.....	40.00	52.50
10-up inch, case lot, 100.....	45.00	40.00



A FIELD OF OUR LOUISIANA QUEEN CREOLE LILIES

SPECIOSUM RUBRUM MAGNIFICUM Holland Grown

Flowers are of good substance; will last a long time and do not all open at once. One of the best varieties for corsage work. 100

7- 8 inch.....	\$43.00
8- 9 inch.....	53.00
9-10 inch.....	66.00

We may get some Magnificum from Japan this season. Please write us in November regarding prices and sizes.

SPECIOSUM ALBUM (WHITE)

Pure white, with beautiful recurved petals, very fragrant. 100
7- 8 inch.....\$65.00

TRUE LILIUM HARRISII

Grown for Us by One of the Most Reliable Growers

Grown in Bermuda and used mostly for early cut flowers. The flower is pure white but somewhat soft for shipping. It is an early blooming type, and the bulbs can not be cold stored for late delivery.

6-7 inch, 335 bulbs to case....	F.O.B. New York	F.O.B. Chicago
7-9 inch, 200 bulbs to case....	Per Case	Per Case
8-10 inch, 150 bulbs to case....	\$55.00	\$60.00

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	100	1000
6- 7 inch.....	\$10.00	\$ 90.00
7- 8 inch.....	12.50	115.00
8- 9 inch.....	16.50	155.00
9-10 inch.....	22.50	210.00

LILIUM FLORIDI

Bulbs of the Creole type, grown in Florida, have shown certain improvements over the Louisiana Creole lilies. It is a wonderful lily for early flowering even to the size of 6½-7 inches.

Stock is going to be limited in larger sizes due to much cold weather during late January and early February.

	Case
6½-7 inch (350 to case).....	\$59.50
7-8 inch (300 to case).....	82.50



LILIUM REGALE

Miscellaneous Bulbs



THIS GROUP OF VAUGHAN'S GIANT AMARYLLIS WON FIRST PRIZE AT THE NATIONAL FLOWER AND GARDEN SHOW, CHICAGO, 1942

Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

Bulbs $2\frac{1}{2}$ inches and more and are sure bloomers.

Make wonderful window displays.

SELECTED MIXED HYBRIDS	Doz.	100
$2\frac{1}{4}$ - $2\frac{1}{2}$ inch.....	\$2.00	\$15.00
$2\frac{1}{2}$ - $2\frac{3}{4}$ inch.....	3.00	22.50
$2\frac{3}{4}$ -3 inch.....	3.75	26.00

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about $\frac{1}{2}$ inch deep. Sunny location, plenty of moisture. **De Caen**, number one bulbs, per 100, \$3.75; per 1,000, \$32.50.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, \$4.50; per 1,000, \$40.00. Number two bulbs, per 100, \$2.75; per 1,000, \$25.00.

BRODIAEAS

Capitata. The California Hyacinth, has slender stems, 6 to 12-inch, high capped with a close cluster of violet blue flowers. Flowers hold up well, so should be good for Florist's use. 100, \$3.75; 1,000, \$32.50.

CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon after the snow is gone. Grows well in any good garden soil, and when once planted requires no further care. Looks best when planted in lines or clumps.

Lucillae. Flowers of a brilliant sky-blue color with white center. Per 100, \$1.75; per 1,000 \$12.00.

Sardensis. Deep blue. Per 100, \$1.75; per 1,000, \$12.00.

CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house.

Mixed, per 100, \$4.50; post paid; per 1,000, \$40.00.

WHITE CALLA

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to the sun, in order to make early shipment.

Our stock is **thoroughly cured in the ground and dried carefully** before they are packed. This means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	Per 1,000
$1\frac{1}{4}$ - $1\frac{1}{2}$ inches.....	\$11.00	\$ 95.00
$1\frac{1}{2}$ - $1\frac{3}{4}$ inches.....	18.00	170.00
$1\frac{3}{4}$ -2 inches.....	24.00	230.00

YELLOW CALLAS

(Elliotiana)

Yellow callas are very attractive as pot plants. A few pots of this golden yellow flower placed in a display window draw much attention and sales. Grow a hundred and see how quickly they sell.

	Doz.	100	1000
2- $2\frac{1}{2}$ inch.....	\$2.30	\$16.50	\$155.00
$2\frac{1}{2}$ -3 inch.....	4.00	28.00	270.00
3- $3\frac{1}{2}$ inch and up.....	5.75	42.00	400.0

PINK CALLA

(Rehmanni Superba)

Truer pink than the old Rehmanni and make larger plant with longer stems on the flowers. Blooms sold very well on all major markets.

	Doz.	100
$1\frac{1}{4}$ - $1\frac{1}{2}$ inches.....	\$2.75	\$20.00
$1\frac{1}{2}$ - $1\frac{3}{4}$ inches.....	4.00	27.50
$1\frac{3}{4}$ -2 inches.....	5.00	32.50

CROCUS

Large Flowering

Named or separate colors.		10-11 Cmts.	9-10 Cmts.	8-9 Cmts.
Blue, White, Striped or	100	1,000	100	1,000
Yellow.....	\$2.45	\$22.00	\$2.10	\$16.00
			\$1.75	\$12.00

Freesias—California Grown

	100	1000
Elders Giant White. $\frac{1}{2}$ to $\frac{5}{8}$	\$2.50	\$20.00
Golden Daffodil. Clear light yellow orange blotch.		
$\frac{1}{2}$ to $\frac{5}{8}$	2.00	14.00
$\frac{5}{8}$ to $\frac{3}{4}$	2.75	20.00
Kokomo. Lavender blue. $\frac{1}{2}$ to $\frac{5}{8}$	2.25	15.00
$\frac{5}{8}$ to $\frac{3}{4}$	2.75	22.50
Knives yellow. Canary yellow. $\frac{1}{2}$ to $\frac{5}{8}$	2.25	15.00
$\frac{5}{8}$ to $\frac{3}{4}$	2.75	22.50
Purity. Pure White. $\frac{1}{2}$ to $\frac{5}{8}$	2.00	14.00
$\frac{5}{8}$ to $\frac{3}{4}$	2.75	20.00
Tecolote in colors. White, Rose, Purple and Red.		
$\frac{1}{2}$ to $\frac{5}{8}$	3.00	25.00
Vaughan's Early White. $\frac{1}{2}$ to $\frac{5}{8}$	2.50	18.00
$\frac{5}{8}$ to $\frac{3}{4}$	3.00	25.00
Rainbow Mixed. $\frac{1}{2}$ to $\frac{5}{8}$	2.00	14.00
$\frac{5}{8}$ to $\frac{3}{4}$	2.75	22.50

BABY GLADIOLUS

Years ago when the bulbs could be imported they were very popular. Limited quantities are now being grown on the coast so we can offer them again. Wonderful for forcing. Unsurpassed for bouquets, baskets and other uses.

Peach Blossom, delicate pink. Per 100, \$5.50; 1,000, \$50.00.

IXIA

These easily grown, quick selling bulbs are rapidly becoming popular as cut flowers. Planted from September to early December in pots or bench, they produce beautiful, long stem flowers during late February and early March. Main requisites for successful growing are careful watering at beginning of growth, and a cool temperature (Carnation temperature, or cooler).

	100	1,000
Mixed.....	\$3.50	\$30.00

MISCELLANEOUS BULBS—Continued

DUTCH IRIS

Imperator. Deep blue. One of the best for greenhouse growing.....	Holland Grown	
6-7 ctms.....	100	1,000
7-8 ctms.....	\$2.50	\$22.50
8-9 ctms.....	3.50	30.00
White Excelsior. Pure white.		
7-8 ctms.....	4.00	35.00
8-9 ctms.....	4.50	40.00
Yellow Queen. Standards, pale yellow. Falls golden yellow.		
7-8 ctms.....	3.50	30.00
8-9 ctms.....	4.50	40.00

IRIS TINGITANA—Wedgewood

Standards Blue. Falls lighter blue. Very reliable bloomer. Can be brought into flower in January.	American Grown	Holland Grown
8-9 ctms.....	100 1,000	100 1,000
9-10 ctms.....	\$2.50 \$21.00	\$2.00 \$15.00
	5.00 45.00	2.75 24.00

LEUCOCORYNE IXIODES ODORATO
(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz. \$1.25; per 100, \$8.00.

ORNITHOGALUM

Arabicum, Star of Bethlehem, white with black base.....	Doz.	1.00	1.000
	\$0.75	\$5.00	\$45.00

MUSCARI (Grape Hyacinth)

Make good pot plants. Force easily for January blooms.

Armeniacum. Deep blue, large flowers.....	8-9 Ctms.	9-10 Ctms.
	100 1,000	100 1,000
	\$1.90 \$14.00	\$2.25 \$17.00
Early Giant. Improved Armeniacum. Larger bells and a little lighter in color. Blooms about 10 days earlier.	2.00	15.00 2.50 18.00
Alba. Pure white. Tops size per 100,	\$3.00; 1,000,	\$25.00.

RANUNCULUS

Bulbs are claw-like in shape and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs same as Anemones. Vaughan's exclusive Victoria Hybrids have no rivals in abundant bloom, percentage of doubles, strong stems, and size of flowers. The color range embraces pink, yellow, orange, brilliant scarlet, vivid apricot and innumerable tints of these colors.

Tops.....	per 100, \$4.50; per 1,000, \$40.00
No. 1 size.....	per 100, 3.75; per 1,000, 32.50
No. 2 size.....	per 100, 2.50; per 1,000, 20.00

SNOWDROPS

Single.....	1.00	1.000
Double.....	\$3.50	\$30.00
	4.00	35.00

SCILLAS

Campanulata Blue.....	2.25	17.00
Campanulata Rosea.....	2.25	17.00
Campanulata White.....	2.25	17.00
Nutans Blue.....	2.00	15.00
Nutans White.....	2.50	18.00
Siberica Blue.....	3.00	25.00
Spring Beauty, improved siberica, brighter blue....	3.50	30.00

SPIRAEAS

For Easter and Mothers' Day Blooming

Freeze roots before potting. Grow 90 days for Easter. Grow 75 days for Mothers' Day. Temperature 55 degrees. Pink and white varieties of best named. Per doz., \$4.50; 100, \$30.00.



Paper White Display Box, 10x20 inches, Holding 100 Illustrated Bags

Paper White Display

Vaughan's Paper White Display Box as Illustrated, together with

100 Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$12.00
100 Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	14.50
100 Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	17.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in an illustrated bag which prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$24 to \$34 sales at 100% profit. Why let chain stores get sales which should be yours?

Vaughan's Flower Seeds

Condensed List for Fall Sowing

Cash Discounts on Flower Seeds: On all orders for flower seeds except Cyclamen seed which see below, totaling less than \$25.00; 5%, and over \$25.00; 8%, may be deducted if cash is enclosed. Cyclamen 5% on 10,000 to 25,000 seeds; discount 10% on all orders over 25,000 seeds for cash. Double varieties are net.

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

Varieties followed by (X) are sold in ½ trade pkts. at 60c each. Varieties preceded by a star (*) are best for early winter flowering.

BRONZE SHADES

	Tr. pkt.
Afterglow. Golden bronze Spring flowering X	\$1.00
Bronze Peggy Schumann. Same type as other Schumann varieties but flowers earlier than Pink Peggy	2.00
Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1¾ to 2 inch individual florets. No grassy growth.	2.00
Gilbert's Bronze Beauty. This variety is early flowering; seed sown in July blooms in November through Spring. Flowers have upper lips of dark brown with lower lips yellowish bronze.	1.50
Glorious (Frank). A highly attractive reddish copper with yellow lip. Popular in Chicago retail trade. Early flowering, none quicker on a comeback after first crop is off.	1.00
*Ideal Improved (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed	1.50
*Lady Dorothy. Red-bronze with a glowing quality under artificial light. The color is somewhat similar to Glorious, but it is a true winter-flowering variety.	3.00
Miss Wooster. The color is a dazzling rich dark bronze. It is an ideal shipping variety.	1.00
*Sunlight. Improved Suntan, finest early golden bronze X	1.00
*Suntan. Rose shade of tan with tinge of yellow on lip. Early blooming X	1.00
Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination.	2.00

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed.	1.50
Bertha Baur. Standard lavender.	1.00
Schumann's Lavender. Excellent, large flowered rosy lavender for spring blooming. Full heavy spikes.	2.00
*Windmiller's Lilac. Excellent orchid, true to type and color, early, hard wiry stems, small foliage, productive. Earliest in this color.	1.50

PINK AND ROSE SHADES

America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The heads are sixteen to twenty-five inches long, carrying well set, large florets.	1.50
*Ball's Early Pink. Rose pink.	1.00
*Better Times (Windmiller). A real American Beauty rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day	2.00
Cheviot Maid. Reselected. Deep rose-pink X	1.00
*Christmas Cheer (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops.	½ Trade pkt. \$1.75 3.00
Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X	1.00
Delworth's Supreme. A Canadian introduction by the well known grower Cecil Delworth. It is a selection of Cheviot Maid made over a period of ten years for earliness and uniformity.	1.50



ANTIRRHINUM Christmas Cheer, Ethel, Better Times

PINK AND ROSE SHADES—Continued

*Dorcas Jane (Yoder). Light pink slightly larger flower than Mary Ellen and shade deeper and a little earlier. With a clean habit of growth and outstanding vigor.	Trade pkt. 1,000 seeds \$1.50 (2,000 seeds) \$2.50
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads.	1.50
La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem.	1.50
Light Pink Peggy Schumann. Blooms a little earlier than the darker variety.	2.00
Marie Louise. Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set.	2.00
*Mary Ellen (Yoder) is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets.	2.00
*Maryland Pink (Winkler). Early, light pastel pink. Large flowers.	½ trade pkt., \$1.75 3.00
New Cincinnati (Witterstaetter). The finest light rose X	1.00
Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots.	2.00
Rose Queen. Dark pink X	1.00
Schaffroth's Pink. A beautiful soft rose pink. Early flowering. Also may be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop.	1.50
St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer.	1.50
*Yoder's No. 33. One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit.	1.50

"SNAPS" For Greenhouse Forcing—Cont'd

RED

	Trade pkt.
*Schumann's Velvet Red is a true dark red velvet, an early bloomer.....	\$2.00
*Shisler's Red, a glowing wine-red, 100% true to color, uniform growth with an excellent stem free of grass. If sown July 5th and pinched September 15th, it will bloom from Thanksgiving on.....	2.00
V. Ivet Beauty. Rich American Beauty crimson.....	1.00
Velvet Supreme. A rich velvety scarlet crimson.....	1.50

WHITE

Feist's White (West Hills). A true sport of Cheviot Maid. Clear white with a touch of yellow on the lip.....	2.00
Junglewood White (Junglewood Greenhouses). Dazzling white; deep green foliage; tall, sturdy, whiplike stems; long spikes of closely set florets; a shatterproof quality, which permits an unusual number of flowers to be open before cutting, must be sown early..... ½ Trade pkt., \$1.25	2.00
*Koester's White. It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers.....	1.50
*Lucky Strike Improved. Popular pure white, grows three to four feet with full spike of flowers. Blooms earlier than the original; does not drop or shatter.....	1.50
*Margaret (Yoder) is a winterblooming ivory white, whiter than the old Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size. The florets last a long time and do not shed.....	2.00
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage..	1.50
Peace (Ball). Large closely set florets of the pure white on long, wiry stems. The unusually rich dark green foliage contrasts vividly with the snowy whiteness of its flowers.....	1.50
*Schlegel's White. Early and vigorous grower for early and late planting.....	1.50
Snow White (Windmiller). Late white for Easter and Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.50
Westover's Fringed Early White (Windmiller). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late.....	1.50
Westover's Fringed White. A great favorite in the East. Sow for late crop X.....	1.00
White Peggy Schumann. Has the same characteristics of the popular Pink Peggy but blooms earlier.....	2.00
*White Wonder, Improved. Longer and better stems with flowers well placed—keeping the pure white color of original.	1.50

YELLOW

*Carol Jean (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter.....	2.00
*Ceylon Court. Dark Selection. Canary yellow. Our introduction X.....	1.00
Coate's Yellow Perfection. Deep golden yellow. Spring flowering X.....	1.00
*Ethel. Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof.	1.50
Frances Schlegel. In color a golden daffodil yellow, retaining color under any weather conditions; a good stem with no excess grassy growth and an excellent producer (averages five spikes to a plant).....	2.00
*Gilbert's Yellow. Bright yellow. Sown July 1st and pinched September 15th, will start to bloom in November and blooms the whole season. Gives a high percentage of first grade flowers.....	2.00
*Goldie (Windmiller). Deep early yellow.....	1.50
Junglewood Yellow. Large rich yellow flower. Vigorous, strong grower. Exceptionally heavy spike and stem. Mid-season blooming. Remarkably free of side growth, non-shattering. Height about four feet. Must be sown early..... ½ Trade pkt., \$1.25	2.00
Klondyke Supreme. Deep intense golden yellow with extra large individual florets.....	1.00
*Schlegel's Yellow. Early and vigorous grower for early and late flowering.....	1.50

YELLOW—Continued

	Trade pkt.
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	\$1.50
Yellow Peggy Schumann. Has all the characteristics of Pink Peggy. Earlier and far superior to the old Schumann Yellow.....	2.00
*Yellow Wonder. Early and free flowering. Has a good stiff stem, a fine commercial variety.....	1.50
Greenhouse Varieties Vaughan's Special Mixture. With pinks predominating.....	1.00

For outdoor sowing in southern states NOT for Greenhouse forcing.

ANTIRRHINUM

Vaughan's Special Rust Resistant, Majus Grandiflorum. Mixed. Tall large flowering with an amazing color range. Trade pkt., 25c; ¼ oz., 70c; oz., \$2.40.



AGERATUM Midget Blue

Ageratum

Sow seed early to have good sized plants for spring. Trade pkt. Oz.
Plants from seed will vary some in habit.

Mexicanum Blue Ball Improved. 4-5 in.....	¼ oz., 90c	\$0.35	\$3.20
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball.....	½ oz., 85c; ¼ oz., \$1.50	.35	.....
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform.....	¼ oz., 90c	.35	3.20
Blue Perfection. True blue. 6 in....	¼ oz., 40c	.20	1.40
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose.....	⅓ oz., 90c; ¼ oz., \$1.60	.50	.....
King of the Blues. Dwarf, small foliage clusters, deepest blue flowers.....	¼ oz., 90c	.35	3.20
Midget Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers.....	½ oz., 85c; ¼ oz., \$1.60	.35	5.50
Purple Perfection. Rich and deep blue. ¼ oz., 40c		.20	1.40
Tall Blue, for cutting. 2 ft.....	¼ oz., 50c	.25	1.50

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, \$2.00; 5000 seeds, \$9.00; 10,000 seeds, \$17.00.

Sprengeri. 100 seeds, 30c; 250 seeds, 65c; 1,000 seeds, \$2.00; 5000 seeds, \$9.00; 10,000 seeds, \$17.00.

Aster

New Tilford Wilt Resistant Strain. This is of the Royal type in the following colors: Purple, Rose, Shell pink and White and will be supplied after harvest of 1947 at \$1.00 per Tr. pkt. We are booking orders now for delivery at that time.

Begonias—Fibrous-Rooted

We have divided this family into three sections: the dwarf growing 6 to 8 in.; those of medium height 9 to 11 in.; the taller ones 12 in. and over.

DWARF, 6 to 8 INCHES

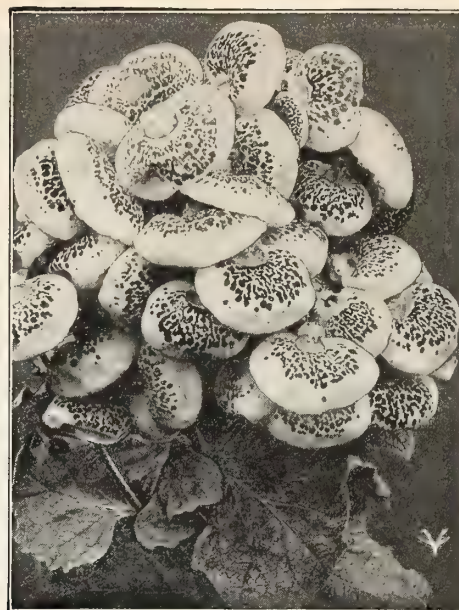
- Pink Pearl.** This variety is not available this year. We suggest *Adeline* as substitute.
- Red Pearl.** As this variety is not available this year, we recommend *King of the Reds* instead.
- Gracilis Adeline** (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl. $\frac{1}{64}$ oz., \$2.50 $\frac{1}{32}$ oz., \$5.00 ^{Trade} ^{pkt.} 1.00
- Ball Deep Rose.** Identical in habit to Adeline from which it was selected. Under winter and spring conditions the color is a deep rich rosy red which gradually fades to a bright luminous pink with the coming of warmer weather. $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00 1.00
- Ball Red.** Fairly dwarf in growth and of uniform, perfectly rounded habit. The plants are literally covered with medium large flowers of the brightest scarlet red imaginable. Much more brilliant and intense than *King of the Reds* or *Luminosa*. $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00 1.00
- Bois de Vaux Rose.** Vivid rose, floriferous pyramidal growth, green metallic foliage, decorated with narrow red border, compact, upright. $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00 1.00
- Dwarf Luminosa.** Bright scarlet, free flowering. Excellent pot plant. $\frac{1}{64}$ oz., \$3.00 1.00
- Fire Sea.** (Blaze of Fire). Fiery red flowers, green foliage. 8 in. $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00 1.00
- King of the Reds.** Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl. $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50 1.00
- Winter Romance.** Carmine rose, green foliage. $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00 1.00
- Vaughan's Special Mixture of Dwarf Varieties** for pots and bedding. $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50 1.00

MEDIUM, 9 to 11 INCHES

- Carmen.** Bright rose flowers, bronze foliage. $\frac{1}{64}$ oz., \$2.50 1.00
- Elegance.** The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green. 1.00
- Enchantress.** Fresh rose color. $\frac{1}{64}$ oz., \$2.50 1.00
- Fireball.** Fiery crimson. 10 in. 1.00
- Indian Maid.** 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage. $\frac{1}{64}$ oz., \$2.50 1.00
- Luminosa.** Deep dark scarlet flowers, foliage reddish brown. 10 in. $\frac{1}{64}$ oz., \$3.00 1.00
- Prima Donna.** Limpid rose, shading to carmine, most beautiful. 10 to 12 in. $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50 1.00
- Salmon.** Glowing shade of salmon.50
- Scandinavia Pink.** An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering. $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00 1.00
- Scandinavia Red.** Like the above except in color. $\frac{1}{64}$ oz., \$2.75 1.00
- Snow.** Pure white blossoms; green foliage. $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50 1.00
- White Pearl.** White. 10 in. 1.00

TALL, 12 INCHES AND UP

- Christmas Cheer Red.** A very large-flowered variety, color dark crimson-scarlet. $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50 1.00
- Christmas Pink.** Identical to above variety only the color is a delightful shade of warm rose-pink. $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50 1.00



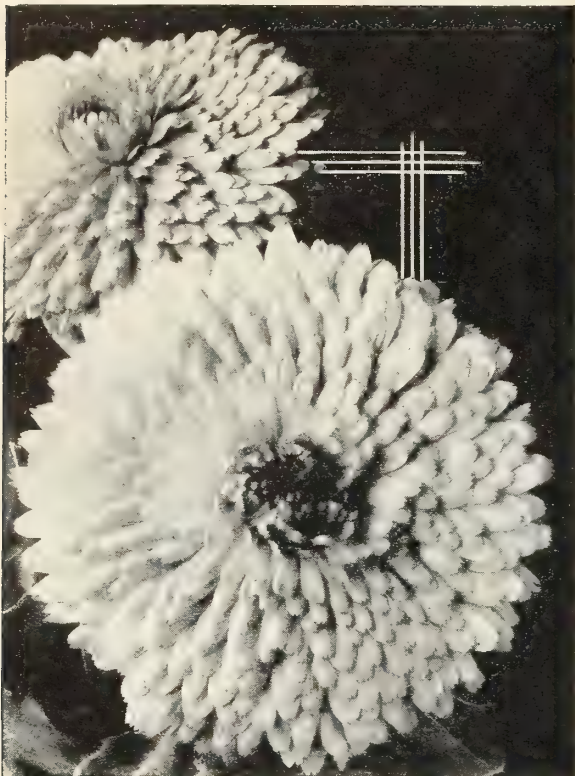
CALCEOLARIA Grandiflora Extra Choice Mixed

BEGONIAS. Tall 12 in. and up—Continued

- Ile de France.** The best white. The foliage is light green. The flowers are $1\frac{1}{4}$ in. to $1\frac{1}{2}$ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day. $\frac{1}{64}$ oz., \$2.00 $\frac{1}{32}$ oz., \$2.00 ^{Trade} ^{pkt.} 1.00
- Illusion.** Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in. $\frac{1}{64}$ oz., \$2.00 1.00
- Masterpiece.** One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage. $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00 1.00
- Vernon.** Flowers blood red, dark leaves.50
- Vaughan's Special Mixture all Varieties.** $\frac{1}{64}$ oz., \$1.50; $\frac{1}{32}$ oz., \$2.50 1.00
- Double Tuberous Rooted Vaughan's Special Mixture.** This cream of a specialist's collection contains the lovely camellia and rose flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed. 2.50

Calceolaria Hybrida

- Hybrida Grandiflora Triumph Strain.** A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. $\frac{1}{64}$ oz., \$2.75 $\frac{1}{32}$ oz., \$4.00 ^{Tr. pkt.} ^{Oz.} 1.25
- Hybrida Grandiflora Mixed. Extra Choice.** Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. $\frac{1}{64}$ oz., \$2.40; $\frac{1}{32}$ oz., \$4.40 1.00
- Hybrida Grandiflora Cloth of Gold.** Medium large freely produced, golden yellow flowers, very showy. 1.00
- Hybrida Multiflora Nana Mixed.** The average size of the blooms is only $1\frac{1}{2}$ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. $\frac{1}{128}$ oz., \$2.25; $\frac{1}{64}$ oz., \$4.00 1.00
- Gilbert's Strain.** A selection of the Multiflora Nana type made by a grower in our midwest. Bright colors 1.00
- Gilbert's Red.** Multiflora Nana type. 1.00
- Gilbert's Yellow.** Multiflora Nana type. 1.00
- Grandiflora, "Flower Cloud."** The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Small flowers in shades of yellow, orange and bronze. $\frac{1}{128}$ oz., \$3.50 1.50
- Dwarf Tigered or Spotted.** Various spotted shades of red and rosy bronze. $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50 1.00



CALENDULA VAUGHAN'S IMPROVED SENSATION

Calendula

FORCING VARIETIES

	Trade pkt.	Oz.
Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	\$0.40	\$2.00
Ball Apricot. Light straw or buff color with dark center. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball Lemon Queen. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball Orange Improved. Rich orange, light center. Petals slightly notched. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball Masterpiece. Extra long-stemmed, deep orange-brown center. $\frac{1}{4}$ oz., 60c; 2 oz., \$3.50	.40	2.00
Ball White (Moonlight). A beautiful soft cream yellow. $\frac{1}{4}$ oz., 60c	.40	2.00
Vaughan's Special Mixture for greenhouse forcing	.35	1.50

Candytuft

May be sown late in Fall in Tulip beds.

	Trade pkt.	Oz.
Giant Hyacinth-Flowered Pure White Select. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. 4 oz., \$2.60; lb., \$8.00	\$0.20	\$0.80

Candytuft Umbellata 12 in.

Alba. White.	Purpurea. Crimson.
Carminea.	Rose Cardinal. Rose-pink.
Flesh. Pink.	Vaughan's Special Mixed.
Lilacina. Lilac.	
Each of above..... Trade pkt., 15c; oz., 50c; $\frac{1}{4}$ lb., \$1.60	

Easter 1948 is March 28.

The date of Easter falls invariably on the first Sunday after the first full moon occurring on or after March 21.



CINERARIA Multiflora Nana Gold Center

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

We were the introducer of this magnificent strain several years ago. It is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

$\frac{1}{32}$ oz., \$3.50; $\frac{1}{64}$ oz., \$2.00; 500 seeds, 60c; 1000 seeds, \$1.00.

Cineraria Hybrida

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.00; $\frac{1}{16}$ oz., \$5.50. 1000 seeds	\$1.00	.....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. $\frac{1}{64}$ oz., \$2.20; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.50	1.50	.....
Cremer's Improved Prize Strain. Originator's Packet.	1.50	.....
Howard and Smith's Strain. Mixed. A conservatory strain, large flowering.	1.00	.....
Multiflora Nana. Mixed, all colors.	1.00	.....
Potsdam Strain. Mixed (Berlin Market or Weissensee). American grown seed. The plants are taller and flowers larger than Cremer's.	1.00	.....
Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions. $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75	1.00	.....
Siter's Rainbow Strain. Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's.	2.00	.....
Siter's Rainbow Originator's Packet.	2.00	.....
Star Cineraria (Cineraria Hybrida Polyantha). Felt-ham Beauty. Fine small flowering variety for cutting and decorative purposes, nearly all have white centers. 2 ft. 1000 seeds	.75	.....

Centaurea

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

Black Boy. Blackish maroon.

Blue Boy. Rich deep blue, very large flowers.

Pinkie. Deep pink. **Red Boy.** Deep red. **Snowman.** Best white.

Vaughan's Mixture of Super Giant New Varieties Mixed.

Each of above, Trade pkt., 15c; oz., 45c; 4 oz., \$1.45; lb., \$4.50.

May also be sown out of doors just before freezing for early spring blooming.

Clarkia Elegans Fl. Pl.—2 ft.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Grow on in flats or shallow raised bench.

Albatross. Pure white.

May Blossom. Pure glowing rose.

Purple Prince. Rich purple.

Each of above. Trade pkt., 15c; ¼ oz., 30c; oz., \$1.00.

Salmonea Perfecta. True

salmon, extra double.

Scarlet Queen.

Vaughan's Special Mixture.

Chinese Forget-Me-Not

Cynoglossum Amabile, Blue Bird. A lovely plant Tr. pkt. Oz.
18 to 24 inches tall, with bright blue flowers. Makes
wonderful cut flower material. ¼ oz., 30c \$0.15 \$1.00

Amabile Firmament. A compact variety of bushy,
growth, 15 to 18 inches tall. Smothered with rich
dark blue flowers. ¼ oz., 35c .20 1.20

Cyclamen—Persicum Giganteum

Our Cyclamen seed has been grown by experienced American and European growers who have specialized in this item for years.

Special Discount on Giganteum varieties for cash with order.
5% on 10,000 to 25,000 seeds; 10% on all orders over 25,000 seeds.
250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1000 Seeds
Baardse's Wonder. Salmon with white border.....	\$2.25	\$20.00
Bonfire. Brilliant salmon.....	2.25	20.00
Bright Red.	1.75	16.00
Dark Blood Red.	1.75	16.00
Lavender.	1.75	16.00
New Ruffled, Mixed.	2.30	21.00
Orange Beauty. Orange vermilion.....	2.30	21.00
Pure Rose.	1.75	16.00
Pure White.	1.75	16.00
Saffron Red Silver Edge.	2.50	22.00
Salmon Scarlet (America Improved).	2.30	20.00
Salmon-Rose Improved.	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf).	2.20	18.00
Salmon Light (Rose of Zehlendorf).	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).	1.75	16.00
White with Carmine Eye.	1.75	16.00
Vaughan's Florist Mixture.	1.75	15.00

Vogt's Double Cyclamen

Prices on Double Cyclamen seed are net.

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. A good Christmas red.

Coral Pink with mulberry eye.

Fluffy White with pink eye.

Orchid Pink.

Prosperity. An azalea type, flaming rose color.

Rosea. A soft rose with a coral cast, shading lighter at petal tips.

Double Mixed.

Each of the above, 100 seeds, \$3.50; 250 seeds, \$7.00;
500 seeds, \$13.00.



DELPHINIUM PACIFIC GIANT HYBRIDS

Delphinium

PACIFIC GIANT (Vetterle and Reinelt)

This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. Clear medium blue with white bee, huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.00; oz., \$14.00.

Pacific Giant. Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Dark Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Giant Light Blue Shades.

Pacific Giant Mixed.

Each of above 5: Trade pkt., \$1.00; ½ oz., \$2.00; ¼ oz., \$3.50; oz., \$12.00.

Coleus

Glory. A mixture of bronze, pink, apricot shades, Trade pkt. Oz.
cream, etc. A remarkably fine strain; it is unequalled
for the beautiful form and coloring of its large leaves.

..... ½ oz., \$2.00 \$1.00

Colosse de Pyrenees, Whitish ground dotted with red
shades..... 1.00

Vaughan's Rainbow Mixture. The above and others
..... ½ oz., \$1.60 .75

Didiscus Coeruleus

Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large as the original type. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart, does not transplant well. Not over Carnation temperature needed.

Trade pkt., 50c; ¼ oz., \$1.00; ¼ oz., \$1.75; oz., \$6.00.

DRACAENA Indivisa. Ornamental plants with long Trade pkt. Oz. narrow gracefully arching green leaves. ¼ lb., \$1.50; lb., \$5.00 \$0.15 \$0.50

EXACUM Affine. Beautiful greenhouse pot plant, producing sweet scented bright mauve flowers. Flowering within 6 months from sowing. Height 9 inches. Trade pkt., \$1.00.

GYPSOPHILA. Elegans Grandiflora Alba, London Trade pkt. Oz. Market. Special Florist Strain. ¼ lb., 75c; lb., \$2.25 \$0.25
Carminia. Deep rose. ¼ oz., 45c \$0.15 1.40
Crimson. ¼ oz., 45c .15 1.40

Kalanchoe

Globulifera. Var. Coccinea (Blossfeldiana). 12 Trade pkt. Oz. inches. Bright scarlet flowers. Very choice pot plant. 3,000 seeds, \$1.10; 1,500 seeds, \$0.60

Brilliant Star. Flowers measure three times the size of the ordinary varieties and are a rich fiery red. Foliage is dark green and of compact growth. The flower heads are carried on stems about 6 inches long, making this novelty ideal for pots or cutting material. (About 800 seeds), 1.50

Hybrida Flame. In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery-red. 500 seeds. 1.00

Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. ¼ oz., \$5.00; 1,000 seeds, 1.25

Annual Larkspur

To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Can also be sown outdoors just before freezing for early spring flowering.

GIANT DOUBLE IMPERIAL—4 ft.

Base Branching Type

This type is the most desirable for outdoor growing. An annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.	Miss California. Deep pink on salmon.
Blue Spire. Dark blue.	Montrose. Clear rose pink.
Carminia King. Carmine rose	Pink Perfection. Lively light pink, large double florets, upright habit.
Brilliant Rose.	Rosalind. Salmon-rose, non-shattering.
Dazzler. Rich scarlet.	Sweet Lavender. Light lavender blue.
Gloria Improved. Rich deep rose-salmon.	White King. Glistening pure white.
Lilac Spire. Beautiful lilac color.	
Los Angeles Improved. Salmony scarlet.	

Each of the above, Trade pkt., 25c; ¼ oz., 40c; ½ oz., 65c; oz., \$1.10; ¼ lb., \$3.60; lb., \$11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; ½ oz., 65c; oz., \$1.10; ¼ lb., \$3.60; lb., \$11.00.

SUPER MAJESTIC—5 Ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers.

Lavender.	Rose Pink.	White.
Each of above, Trade pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50; ¼ lb., \$5.00; lb. \$15.00.		



ANNUAL LARKSPUR GIANT IMPERIAL

ANNUAL LARKSPUR—Continued

STOCK-FLOWERED—4 ft.

Ageratum Blue. Sky Blue.	Rose Queen. Deep rose-pink without salmon shading.
Dark Blue.	White.
Lilac Supreme. Deep lilac.	
Rosamond. Pure rose.	

Each of the above. Trade pkt., 25c; oz., 90c; ¼ lb., \$3.20; lb., \$9.60.

Vaughan's Special Stock Flowered Mixed. Trade pkt., 25c; oz., 90c; ¼ lb. \$3.20; lb., \$9.60.

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Dark Blue.	Lilac.
Pink.	Purple.
White.	

Each of the above, Trade pkt., 30c; ¼ oz., 50c; oz., \$1.80.

Giant Hyacinth Fld. Improved. Mixed. Trade pkt., 30c; ¼ oz., 50c; oz., \$1.60; lb., \$16.00.

Lobelia

Erinus Crystal Palace Compacta 4 in. Deep blue, dark foliage. ¼ oz., 85c	Trade pkt. Oz. \$0.25 \$3.00
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit. ¼ oz., 85c	.25 3.00
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue. ¼ oz., 85c	.25 3.00
Emperor William. Gentian-blue, light foliage. 4 in. ¼ oz., 85c	.25 3.00
Mrs. Clibran. Deep blue, white eye, light foliage. ¼ oz., 85c	.25 3.00
Pumila Splendens, Bedding Queen. Dark navy blue with clear white eye. ¼ oz., 85c	.25 3.00
Snowball. Pure white. 4 in. ....	.35
Sutton's Cambridge Blue. Light blue with green foliage. ¼ oz., 85c	.25 3.00
Pendula. (for hanging baskets), ....	....
Hamburgia. Sky-blue, white eye, dark foliage. ¼ oz., \$1.00	.35
Sapphire. Large deep navy-blue with white eye. ¼ oz., \$1.00	.35

Lilies

Seeds sown in October or November should be transplanted into 2½ inch pots or bands 3 or 4 months after sowing. Carry along until August when they should be planted in the bench 6x8 inches apart or grown in 4 or 5 inch pot. These will grow into plants carrying 2 or 3 flowers the following Spring.

If only buds are cut at this time, letting the foliage dry down by gradually withholding water, and then placing bulbs in cold storage at 32 to 40 degrees and then potting; the next Spring a much higher bud count can be expected.

Longiflorum Praecox (White Queen). Produces Trade pkt. Oz. blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. ½ trade pkts., 60c; ¼ oz. \$2.50; ¼ oz. \$4.50 \$1.00

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop." Sow 3 or 4 seeds in a 3 or 4 in. pot. Keep in cold frame until late October or November. Transplant into a ground bed and grow slowly in cool temperature. Space 10x12 inches, water well after transplanting and then keep on dry side until plants are established.

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue	King Mixed	King White
King Heliotrope	King Sky Blue	Trade pkt. Oz.
Each of the above.....lb.,	\$8.00	\$0.20 \$0.85

Marigold

For best results, seed should be sown from July up to December. Plant in any house that can be kept free from frost. No insect pests.

Tall African Double Fistulosa, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

All Double Orange. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

Lemon Queen, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60; 4 oz., \$5.00.

Prince of Orange, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60; 4 oz., \$5.00.

Yellow Supreme. Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

Guinea Gold. Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. Seeds can be sown from August to December. Space plants ten inches apart in bench in not too rich soil in Carnation house temperature. Trade pkt., 25c; ¼ oz., 60c; oz., \$2.00.

Winter Harmony. It is of quilled scabious type. A single row of reddish brown guard petals encircling a golden orange quilled center, with mahogany brown dots on tip of each quilled petal. Flowers 2½ inches in diameter. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.65.

Myosotis—Forget-Me-Not

Alpestris Blue Eyes. Bright blue with white eye. Trade pkt. Oz. large, early flowering.....¼ oz., \$1.40 \$0.35 \$5.00

Indigo Blue (Royal Blue). 12 in.....¼ oz., 95c .35 3.20

Blue Compacta. Deep blue.....¼ oz., 90c; ¼ oz., \$1.60 .35 6.00

Rosea. 12 in.....¼ oz., 90c; ¼ oz., \$1.60 .35

White......¼ oz., 90c; ¼ oz., \$1.60 .35

Palustris Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.....¼ oz., 75c .35 2.40

Stricta. Blue Bouquet. A compact, upright grower of column type, completely smothered with flowers of bright blue. 1 ft.....¼ oz., 80c; ¼ oz., \$1.50 .35

Victoria. Dwarf globular strain. 8 in.:.....¼ oz., 80c; ¼ oz., \$1.50 .35

Sky-blue. Excellent variety. ½ oz., 80c; ¼ oz., \$1.50 .35

Indigo Blue. Fine dark blue.....¼ oz., 80c; ¼ oz., \$1.50 .35

Rosea. Pink.....¼ oz., 80c; ¼ oz., \$1.50 .35

White......¼ oz., 80c; ¼ oz., \$1.50 .35

Vaughan's Early Blue Bird. An extra early flowering Should be used for cutting and valuable for pots or bedding.....¼ oz., 85c .35 3.00

PRIMULA

Ericksson's Malacoides (Baby Primrose) ORIGINATOR'S SEED

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. September sown seed will produce nice plants for Easter and Mother's Day.

RIVERSIDE STRAIN

- Glory of Riverside Improved** . . . True rose-pink, a strong grower and without a doubt, the most valuable variety for all purposes.
- Ericksson's New Giant** . . . Color resembles closely Glory of Riverside. Very robust habit, with flower size approximately 1½ inches. It is a late bloomer, thereby assuring the grower a longer Primula season.
- Ericksson's White Giant (New)** . . . An exceptionally strong grower and well adapted to combinations.
- Lilac Beauty** . . . The color is a pure soft lilac, absolutely fixed. This is another fine color for making up artistic combinations.
- Peach Blossom** . . . The color is a real deep peach-blossom pink. It has a compact habit and is an excellent keeper.
- Mrs. Ericksson of Riverside** . . . A glowing rose-red, a very strong grower with heavy flower stems and stiff foliage; large flowers in heavy clusters of medium height. It is the most outstanding new variety.

Each of the above

500 seeds.....	\$ 1.25
2000 seeds.....	4.00
6000 seeds.....	10.00

ERIKSSON'S STANDARD VARIETIES

- Lavender New Baby** . . . A beautiful soft lavender color; large flowers on heavy stem.
- Red New Baby (Improved)** . . . An outstanding glowing red, individual in color. Large flowered, heavy producer on strong stems.
- Brilliance** . . . The flower opens lavender but changes to a brilliant red in one or two days in a sunny greenhouse. A very attractive and unusual combination.
- Wonder Baby Improved** Beautiful pink, rather tall but a good producer.
- Ericksson's Special Mixed** . . . A real choice selection of the above varieties.

Each of the above

800 seeds.....	\$1.25
2000 seeds.....	3.00
6000 seeds.....	8.00

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), \$1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are ¾ to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade packet (about 1,000 seeds), \$1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade packet (about 1,000 seeds), \$1.00.

Mixture. A mixture of giant varieties. Trade packet (about 1,000 seeds), \$1.00.

Malacoides Various Sorts

Dawkins Carmine Pink.....1000 seeds \$1.25

Giant Crimson. An introduction from a European grower. Large crimson flowers freely produced.....1000 seeds, \$1.00

Princess Mary. Deep rose pink...¼ oz., \$2.00; 1000 seeds \$1.00

Salmon Rose.....¼ oz., \$2.00; 1000 seeds \$1.00



PANSY VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

PANSIES

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.30; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00; 4 oz., \$30.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; oz., \$10.00; $\frac{1}{4}$ lb., \$32.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.40; oz., \$8.00.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades.

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Luna. Soft sulphur yellow, self without blotches, round substantial flower with frilled edge. A delicate and lovely color.

Swiss Pure White. The best pure white pansy.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above: Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.80; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

Swiss Giant Orange. A perfectly round flower with overlapping petals of good substance. Color is a vivid orange, the upper petals carrying a halo of golden yellow. The lower petal is a deep orange. Trade pkt., \$1.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.75; oz., \$9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; $\frac{1}{4}$ oz., \$2.50; oz., \$8.00; $\frac{1}{4}$ lb., \$30.00.

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; oz., \$10.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.40; oz., \$9.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, \$1.00; 3 \$1.00 packets for \$2.00; $\frac{1}{2}$ oz., \$6.00; oz., \$12.00.

Vaughan's Long Stemmed Winter-Flowering Mixed Re-selected. It has a wide color range and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early. $\frac{1}{2}$ Trade pkt., 60c; Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.80.

GIANT SPRING BEAUTY PANSY

A new development in Pansies brings this ever popular spring plant into an extra early flowering season with the added value of longer stems for cut flowers.

The plants are of sturdy, compact growth with upright habit and under good growing conditions produce strong stems from 7 to 9 inches long with large flowers of heavy texture. Although the color mixture consists largely of blue and yellow only, it is an ideal combination for spring. Besides useful for your own cutting for corsages and other spring combinations, these plants will find favor with your customers who will enjoy these early spring flowers. Trade pkt., \$1.00; 3 trade pkts., \$2.50; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.75; $\frac{1}{2}$ oz., \$7.00; oz., \$13.00.

PANSY GIANT SEPARATE SORTS

Beaconsfield. Deep purple, upper petals white.

Black. Large flowered, true black.

Bright Blue.

Purple. Very large, rich deep purple.

Pure Yellow.

Each of the above... Trade pkt., 35c; $\frac{1}{8}$ oz., 80c; $\frac{1}{4}$ oz., \$1.50.

White with Purple Eye. Very large. Trade pkt., only 35c.

Delft Blue. Porcelain-blue. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.80; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

NASTURTIUM

Double Climbing Fragrant Varieties. Sow seed in late summer and give support early. Like cool nights and considerable water. Their bright flowers of spicy fragrance will come in handy during the winter months.

Tall Golden Gleam. Semi-double, yellow.

Indian Chief. Vivid scarlet flowers.

Scarlet Gleam. Bright orange-scarlet.

Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.

Each of the above: Oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$2.40.

Large Flowering Single Petunias



PETUNIA Dwarf California Giants Improved (Vaughan's Blend)

For complete list see Spring Catalog

GIANT-FLOWERING SINGLE

The flowers in this section measure from 5 to 7 inches across.

DWARF CALIFORNIA GIANTS IMPROVED

Vaughan Blend. The best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors.

1/2 Trade pkt., 75c; Trade pkt., \$1.25; 1/4 oz., \$2.50;
1/32 oz., \$4.50; 1/16 oz., \$8.00.

Dwarf California Giants. Dark Selection. A favorite with many growers and it has given universal satisfaction.

1/2 Trade pkt., 60c; Trade pkt., \$1.00;
1/4 oz., \$1.75; 1/32 oz., \$3.20; 1/8 oz., \$11.00; oz., \$64.00.

Extra Dwarf Giants of California. This strain has been bred to fill the need for a truly dwarf pot Petunia. The color range has also been greatly improved and brightened. 1/4 oz., \$3.50; 1/32 oz., \$6.50; 1/16 oz., \$12.00. 1000 seeds, \$1.50.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

Copper-Red. Dark-throated. 1/32 oz., \$2.70; 1/4 oz., \$1.40 Trade pkt. Oz. \$0.75

Irene. Dark carmine red, with white center, center slightly veined. Flowers four and a half to five inches in diameter. 1/4 oz., \$1.40 .75

Prince of Wuerttemberg. Rich dark red with dark throat. 1/32 oz., \$2.70; 1/4 oz., \$1.40 .75

Princess of Wuerttemberg. Pink veined purple. 1/32 oz., \$2.70; 1/4 oz., \$1.40 .75

Salmon Beauty (Marylyn). A unique color, rich salmon. 1/4 oz., \$1.50 .75

RUFFLED GIANTS—Continued

Supreme Florist strain of Giants of California. A Trade pkt. Oz strain of rose and pink shades with large ruffled, shallow open throated flowers freely produced on strong growing plants. 1/4 oz., \$1.50; 1/32 oz., \$2.75 \$0.75

Ruffled Monsters in mixture. With large veined throats. 1/4 oz., \$1.20; 1/32 oz., \$2.00; 1/16 oz., \$3.60 .50

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest. .50

Dainty Lady. The plants are neatly compact, semi-dwarf and free flowering, bearing medium sized, delicately fringed dark cream colored flowers. For shady location. .50

Fringed Snowstorm. Pure glistening white, of good substance, with a slight tinge of yellow in the throat. The blooms are 2 1/2 to 3 inches in diameter and deeply fringed. The habit is dwarf and spreading; breaks nicely to produce a compact plant. 1/2 trade pkt., 65c; 1/4 oz., \$2.25; 1/32 oz., \$3.75; 1/16 oz., \$6.75. 1.00

Royal Beauty (Marine). The most beautiful of all blue purple Petunias. 1/4 oz., \$1.50; 1/32 oz., \$2.75 .50

Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower. 1/4 oz., \$1.50 .50

Theodosia. Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes. 1/32 oz., \$2.50; 1/4 oz., \$1.40 .50

White Beauty. White fringed. 1/32 oz., \$2.75; 1/4 oz., \$1.50 .50

Fluffy Ruffles. The flowers are so ruffled and frilled they have the appearance of being double. The flowers are very large with large throat. It is a well balanced mixture of pink, white, salmon, deep rose crimson, and light blue. About 75% will be ruffled. 1/32 oz., \$1.40; 1/16 oz., \$2.50 .50

Ruffled Nana Compacta Little Giants, 8–12 inches tall. The medium sized, well ruffled and waved, deep-throated flowers continue to keep the plants completely covered. The unusually attractive colors range from deep crimson to white in every imaginable shade. 1/4 oz., \$1.40; 1/32 oz., \$2.50; 1/16 oz., \$4.50 .75

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Burgundy. Large-flowered, 3 1/2-inch blooms, shades of purple or carmine with white throat and tube with violet veins. .50

Dwarf Elk's Pride. Re-selected. Velvety violet. 1/4 oz., \$1.40; 1/32 oz., \$2.50; 1/16 oz., \$4.50 .50

Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true. 1/4 oz., \$1.40 .50

Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. 1/16 oz., \$5.25; 1/32 oz., \$3.00; 1/4 oz., \$1.75 .75

White Cloud. 12 in. A great favorite on account of its dwarf compact habit. 1/4 oz., \$1.00 .50

LARGE-FLOWERING DWARF (Erfurt Strain)

(Flowers 3 to 4 inches across)

Lace Veil. White flowers 2 1/2 in. across. Trade pkt. Oz. \$0.50

Setting Sun. Brilliant rose-pink fringed flowers. 1/4 oz., \$1.50 .50

Vaughan's Best Mixture. Large-flowering single sorts.

This mixture is made up by ourselves from all the best single Petunias both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/4 oz., \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.20.



PETUNIA CELESTIAL ROSE IMPROVED

PETUNIA—Continued

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Extra reselected. This is the best dwarf rich violet blue Petunia with waved flowers, of good size, and even growth.	Trade pkt.	Oz.		
..... 1/4 oz., \$1.60; 1/2 oz., \$3.00; 1/6 oz., \$5.50; 1/4 oz., \$20.00	\$0.75			....
Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered.	1/8 oz., 70c; 1/4 oz., \$1.30	.35	\$4.50	
Blue Bird. Deep violet, extra fine.	1/4 oz., 80c	.25	2.80	
Celestial Rose Improved. Definitely superior to the regular Celestial Rose, slightly dwarfier in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item.	1/4 oz., \$1.75; 1/8 oz., \$1.00	.50	6.00	
Cream Star. Flowers grow 2 1/4 in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow. Plants, when fully grown, are 12 in. high.	1/4 oz., \$2.00; 1/8 oz., \$1.10	.50	....
Heavenly Blue. Reselected. A light silvery blue varies about 10% in shade. 1/8 oz., 90c; 1/4 oz., \$1.50	.35	5.00		
First Lady. A color of light pink. The individual flower measures over 2 1/2 inches across; very free flowering. Strong sun cannot burn the beautiful color.	1/6 oz., \$1.25; 1/8 oz., \$2.00; 1/4 oz., \$3.75	.35	....
Igloo. Plants are true, very uniform and compact growing. 12 to 15 inches tall. The small, 1 1/2 inch creamy white single flowers with yellowish throats.	1/8 oz., \$1.10	.50	....
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit.	1/2 oz., \$1.30; 1/6 oz., \$2.50; 1/8 oz., \$4.50	.50	....
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in. ....		.50	....
Peach Red. Rich salmon cerise, distinct, and the richest salmon. Flowers are plain petalled, of medium size.	1/6 oz., 75c; 1/8 oz., \$1.25	.35	....
Rose of Heaven Select. A brilliant rose-pink.	1/8 oz., 75c; 1/4 oz., \$1.40	.50	5.00	
Rosy Morn. Select. Pink with white throat.	1/4 oz., 75c	.35	2.80	
Ruby Red, Ruby	1/6 oz., 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.00	.50	....

PETUNIA SINGLE SMALL FLOWERING DWARF SORTS—Continued

Snow Queen. Compact in growth with abundance of snow-white flowers.	1/4 oz., \$1.00	\$0.35	\$3.60	
Sutton's Blue Bedder. Midblue.	1/4 oz., \$1.00	.35	3.60	
Topaz Queen. Deep scarlet rose, free flowering.	1/8 oz., \$1.00; 1/4 oz., \$1.75	.35	....
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star.	1/4 oz., 70c	.25	2.40	
White Perfection. This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers, which profusely cover the plants.	1/8 oz., 65c; 1/4 oz., \$1.20	.35	4.00	
Vaughan's Special Dwarf Mixture. Small flowering sorts.	1/4 oz., 75c	.35	2.80	
Starred Mixture of Dwarf Hybrid Varieties. This includes all varieties in which a star of a contrasting color appears in the flower.	1/4 oz., \$1.25	.35	....

DOUBLE PETUNIAS

DOUBLE LARGE-FLOWERING

Colossal Shades of Rose. The first Giant All-Double Petunia produced in America. These giant double blooms are up to 5 inches or more across on vigorous compact plants, and are especially valuable for pot plants. This blend of colors comes in rich rose shades from salmon-pink through rosy-pink to deep rosy-mauve.	Net price	3.00	
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DOUBLE SMALL-FLOWERING

All-Double America. America is the all double type, of medium size, 100 per cent carnation-flowered, and rose-pink in color. It supersedes the Double Rosy Morn with same color and growth. America Petunia it is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true.	1/4 oz., \$7.50; 1/2 oz., \$13.60; 1/2 trade pkt., \$1.50	2.50	
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Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.	Scarlet.			
Alba Oculata. White with dark eye.	Stellata Splendens. Scarlet white eye.			
Brilliant. Rose dark eye.	Stellata Atropurpurea. Deep reddish purple with white eye.			
Carnea. Flesh.	Stellata Rosea. Rose with white eye.			
Chamois Rose.	Violet Blue.			
Flaming Velvet. Deep velvety red.	Violet. With white eye.			
Isabellina. Buff yellow.				
Rosea.				
Each of above: trade pkt., 35c; 1/4 oz., 75c; oz., \$2.40. Trade pkt. Oz.				
Best large-flowering. Mixed.	1/4 oz., 60c	\$0.25	\$1.80	
Cuspidata or Star. Mixed.	1/4 oz., 60c	.25	1.80	
Gigantea Art Shades.	1/4 oz., 90c	.40	3.00	
Red Glory. This is the richest bright red, with contrasting white eye.	1/4 oz., 90c	.40	3.00	
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name.	1/4 oz., 90c	.40	3.00	
Salmon Glory. Pure salmon-pink with creamy white eye.	1/4 oz., 90c	.40	3.00	
Phlox. Vaughan's Special Annual Mixture. Contains all the Grandiflora varieties listed here and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors.	1/4 oz., 75c	.35	2.40	

PHLOX DRUMMONDI DWARF VARIETIES

Apricot.	Snowball. White.			
Coerulea Stellata Blue. White eyes.	Violet.			
	Violet With White Eye.			
Isabellina. Yellow.				
Trade pkt. Oz.				
Each of above.	1/4 oz., 90c	\$0.40	\$3.20	
Dwarf Mixed. All colors.	1/4 oz., 80c	.35	2.80	



SALVIA Splendens America

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes.	Trade pkt.	Oz.	
1/4 oz., \$1.35	\$0.50	\$4.50	
Blaze of Fire . Bright scarlet. The earliest of all, dwarf early flowering.	1/4 oz., \$2.00	.75	6.50
Harbinger . 16 in. Very early, scarlet.	1/4 oz., \$1.40	.50	5.00
Clara Bedman (Bonfire). Erect habit—the old standby.	1/4 oz., \$1.35	.50	4.50
Vaughan's Masterpiece . The finest dwarf extra early flowering variety. Massive scarlet spikes; even compact habit.	1/8 oz., \$1.25; 1/4 oz., \$2.25	.75	8.00
St. John's Fire . Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants.	1/8 oz., \$1.25; 1/4 oz., \$2.25	.75	8.00
Zurich . Early. Free flowering, scarlet. 2 ft.	1/4 oz., \$1.25	.50	4.40
Type (Scarlet Sage). Tall late flowering. 30 to 36 in.	1/4 oz., 1.00	.40	3.50
SHAMROCK . Sow early.	1/4 oz., 35c	.20	1.20
STATICE Suworowii . Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming in a cool house.	1/4 oz., 40c	.15	1.20

Suggestions For Sowing Seeds During the Summer Months

During the hot months of July and August fine seeds such as Calceolaria, Cineraria, Snapdragon, and finer perennial seeds, etc. should be sown in flats (as usual) and the flats placed in a cool basement until the seedlings sprout, when taken to greenhouse and some cheese cloth placed over them until the seedlings are of sufficient strength to have it removed.

Stocks

Our Stocks are produced by the most careful growers and are equal to the best in the market.

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

★**Apricot** (No. 20). Strong growing buff with a faint pink tinge. Blue. Dark lilac blue.

Chamois Pink. A warm rosy buff color.

Deep Apricot. Slightly darker color than Apricot No. 20 above.

Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.

Illusion. Scarlet red.

★**Lilac Lavender**. Same as Silvery Lilac.

Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose.

★**Rose Pink** (No. 14). A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.

Purple Heart. Long stemmed, bright violet purple.

Ruby. Rich crimson red.

★**Silvery Lilac**. Lilac lavender.

★**Supreme**. No. 22. Supremely fine in its rich silvery rose shading, with extra long stems and fine heavy spike.

★**Vaughan White No. 1**. We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence.

★**White, Improved No. 16**. Semi-tall pure white.

★**Yellow Wonder**. Best yellow.

Special Florist Mixed. Mixture of the best selling colors.

Each of above: ½ tr. pkt., 60c; tr. pkt. (about 1200 seeds), \$1.00; ¼ oz., \$2.50; oz., \$9.00.

EXTRA DWARF COLUMN HYACINTH FLOWERED WHITE NO. 5

One of our growers reports this a fine item for Easter pot sales. Grows 12 to 14 inches high. Sowings made first to middle of November should be right for Easter this coming year. Transplant one seedling to a 3 inch pot. Soon as plants are coming into bud and you can determine the doubles pan them together putting 3 to 4 in a 6 inch pot, 5 in a 7 inch and 7 in an 8 inch. This grower sold his doubles in 6 inch pots at \$1.00 and singles at 75c wholesale.

½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods"

Rose "Yosemite"

Blue "Pacific"

Sequoia "Rose carmine"

Chamois "Santa Barbara"

Velvety Violet "Mojave"

Lavender "Tahoe"

White "Santa Maria"

Pink "Monterey"

Yellow "Golden Gate"

Each of the above, Trade pkt., 35c; 1/8 oz., 70c; ¼ oz., \$1.25; oz., \$4.40.

Giants of California Mixed. Trade pkt., 35c; 1/8 oz., 65c; ¼ oz., \$1.20; oz., \$4.00.

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper.

Appleblossom. (Blush-pink).

Buttercup. Deep golden yellow.

★**Chamois**.

Dark Blue.

Elk's Pride. (Royal purple).

Flesh. Pale coral pink.

Fiery Blood-Red.

Golden Rose.

★**Lavender**.

★**Lilac**.

★**Rose**.

★**Shasta**. Vigorous, glistening white.

Trade pkt. Oz.

Each of the above. 1/8 oz., 65c; ¼ oz., \$1.10 \$0.35 \$3.40

Giant Bismarck, Mixed. All colors. 1/8 oz., 65c; ¼ oz., \$1.10 .35 3.40

Schizanthus

Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

Vaughan's Dwarf Masterpiece. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches.

..... 1/16 oz., \$1.00; 1/8 oz., \$1.65 \$0.50

Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item. 1/8 oz., \$1.10 .50

Monarch Strain. Finest strain of large flowered hybrids, rich colors and flowers of perfect form. 1/8 oz., \$1.25 .50

Dr. Badger's Hybrids. Splendid large flowers with brilliant coloring, compact grower 8 to 10 in. tall. 1/4 oz., \$1.10 .35

Bridal Veil. Pure white, excellent. 1/16 oz., \$1.20 .75

Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white are extremely bright and attractive. 1/8 oz., \$1.00 .35

STEVIA Serrata. Fragrant, small white flowers freely produced in clusters. Fine to mix with other flowers. Easily grown indoors summer or winter.35

SWEET PEAS. See outside back cover.

THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets. 1/4 oz., 45c .25 \$1.40

TORENIA Fournieri. Makes a fine pot plant for Mother's Day sales and very useful for combination baskets. Flowers blue with dark blotches on lip. 12 inch. Grown in southern states instead of pansies. 1/8 oz., \$1.10 .50

Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant sales.

	Trade pkt.	Oz.
Rosea. Pink, 1 ft.	1/4 oz., 60c	\$0.25 \$1.80
Fl. Alba Oculata. White with pink eye.	1/4 oz., 60c	.25 1.80
Alba Pura. Pure white.	1/4 oz., 60c	.25 1.80
Delicata. Soft pink.	1/4 oz., 60c	.25 1.80
Kermesina. Bright red, dark green leaves with red stem.	1/4 oz., 60c	.25 1.80
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye.	1/4 oz., 60c	.25 1.80
Mixed.	1/4 oz., 60c	.25 1.80

VERBENA

Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed.

Alba. Very large, pure white.
Annapolis Blue. Spreading habit, shades of light to deep blue.
Brilliant. Rich deep flame rose with medium sized white eye.
Cerise Queen. Salmon cerise.
Etna. Geranium-red with a small creamy yellow eye.
Floradale Beauty. Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating.
Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.
Lucifer. Scarlet.
Luminosa. Flame-pink toning to softer shades of salmon.
Rosea Stellata. Pink, white eye.
Royale. Royal blue with creamy yellow eye.
Spectrum Red. Intense pure bright red without eye.
Sutton's Giant Pink. Salmon pink.
Violacea Stellata. Violet, white eye.
 Each of above. 1/4 oz., 75c \$0.35 \$2.60



VERBENA Gigantea Beauty of Oxford Hybrids

VERBENA—Continued

Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in. 1/4 oz., \$1.20 \$0.50 \$4.00

Hybrida. Defiance. Brilliant scarlet. 1/4 oz., 70c .35 2.40

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; 1/4 oz., 75c; oz., \$2.60.

Viola

In most cases the true Violas are a better bedding subject than many Pansies as they seem to enjoy the heat of midsummer and bloom continuously.

	Trade pkt.	Oz.
Cornuta. Arkwright Ruby. Ruby crimson shading to terra-cotta.	1/8 oz., \$1.50; 1/4 oz., \$2.60	\$0.50
Avalanche. Giant pure white. ....		.50
Blue Beauty. Bright blue, early, free flowering. ....		.50
Blue Butterfly. Mid-blue shading to white.	1/4 oz., \$1.20	.50 \$4.00
Blue Perfection. Light blue, large flowered. 8 in.	1/8 oz., \$1.00; 1/4 oz., \$1.75	.50 5.50
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange.	1/4 oz., \$2.25	.50
Chinese Blue is a round-faced type of Viola such as Jersey Gem, Chantreyland, or Blue Perfection. Chinese Blue, according to the Royal Horticultural Chart, is French Blue.	1/8 oz., \$1.00	.50
Ilona. Wine-red.	1/4 oz., \$1.25	.35
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering.	1/8 oz., \$2.00	.50
King Henry. Rich violet blue lavender center with small yellow eye.	1/8 oz., \$1.00	.50
Lutea Splendens. Sulphur yellow. 8 in.	1/4 oz., \$1.20	.50 4.00
Papilio. Blue and white, 6 in.	1/4 oz., \$1.25	.35
Yellow Gem. Compact habit, clear yellow flower.	1/4 oz., \$1.20	.35
White Perfection. Pure white. 8 in.	1/4 oz., \$1.35	.35 4.80
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, make these Violas a supreme mixture.	1/4 oz., \$1.40	.35 5.00
Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tones effect without blotches. ....		.50

Greenhouse Plant Department

AVOID DISAPPOINTMENT

Place your orders now for plants required for next year. More and more customers are ordering months in advance, and our orders are now the heaviest in our experience.

AFRICAN VIOLETS

Saintpaulia

	Per 100	Per 1,000
Blue Boy. 2 inch.	\$20.00	.....
3 inch.	35.00	.....
The following variety sold under license agreements.		
Pink Beauty. A pink Sport of Blue Boy. (No shipments less than 100). 2 1/4 inch.	25.00	.....

AGERATUM

No RC orders less than 100

Riverside Imp. Dwarf, large head of bloom. Rooted Cuttings.	2.00	\$18.00
Purple Beauty. Dwarf. Rooted Cuttings.	2.00	18.00
2 1/4" on all the above.	6.00	50.00

ASPARAGUS Plumosus Nanus or Sprengeri

	Per 100	Per 1,000
Seedlings.	\$3.00	\$28.00
2 1/4-inch.	10.00	95.00

FORCING AZALEAS—FALL, 1947

Budded Dormant Stock

Well grown, heavily budded plants for October, November delivery, no packing charges. Stock held for after December 1st delivery subject to 10% storage charges. Varieties—Coral Bells, Hexe, Madam Pericat, Sweetheart Supreme with limited supply of Salmon Beauty, Snow, Pink Pearl, etc., f.o.b. Dayton, Ohio.

	Per 100	Per 1,000
4 to 6 ins.	\$ 50.00	.....
6 to 7 ins.	75.00	.....
7 to 8 ins.	100.00	.....
8 to 10 ins.	125.00	.....
10 to 12 ins.	150.00	.....
12 to 14 ins.	200.00	.....

Azalea—Belgian Indicas Own Root

Very limited supply in Triomphe, Jean Haerens, Vervaeana, Eclairer, etc.

	Each
3 to 5 ins.	\$.50
6 to 8 ins.	1.00
8 to 10 ins.	1.50

Potted Coral Bells for Christmas Flowering (Pre Cooled)

Through early potting and precooling we have been able to produce excellent plants for Christmas flowering Azaleas. All plants are well shaped and heavily budded. Shipping date November 15th, f.o.b., Lebanon, Ohio.

	Each
5 ins.	\$1.00
6 ins.	1.50
7 ins.	2.00



AZALEAS

CALADIUMS—Vaughan's

Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.



FANCY-LEAVED CALADIUM

CALADIUMS are easily grown but should not be put in a Carnation temperature. Start the bulbs in flats, turning them upside down, since this is a crown-rooting bulb and the roots come out around the top (center) eye. This direct contact with the growing medium produces roots more quickly than the opposite method. Use a mixture of one part leaf-mold, one part good garden loam, and one part peat moss or other rubble for drainage. Press the bulb halfway into the soil and place the flats under a bench. The flats can also be placed on top of the flows, but if this is done, they should be shaded. The temperature should be 80 to 85 degrees or higher, as the higher the temperature, the better starting results you will have. Be careful that the flats do not dry out if placed either on the flows or returns. Water sparingly until the bulbs begin to sprout and have roots 4 to 6 inches long. When the sprouts begin to show, place the bulbs in 5 or 6-inch pots, using a good rich leaf-mold. Water copiously when in full growth and use weak liquid manure once weekly if possible.

	Doz.	Per 100	Per 1,000
No. 1 Size, 1 1/2" to 2 1/2" Dia.	\$2.50	\$15.00	\$140.00
Assorted.	2.50	17.00	150.00
Named Varieties.			
Jumbo Size, 2 1/2" to 3 1/2" Dia.	3.50	25.00	240.00
Assorted.	3.50	27.00	250.00
Named Varieties.			
Mammoth Size, 3 1/2" and up Dia.	4.50	35.00	340.00
Assorted.	4.50	40.00	370.00
Named Varieties.			

BEGONIA

Standard Varieties. 2 1/4-inch.	10.00	95.00
Lady Mac, Marjorie Gibbs and Melior. 2 1/4-inch.	35.00	.....

CALCEOLARIAS

Multiflora Nana, Ramona, and Perfect Model, Imp., 2 1/4-inch.	16.00	150.00
Pink Beauty, Stewartii, Pure Flame, Cherry Queen and other hybrids.	25.00	.....

CANNAS

Dormant Roots ready for February 1st, 1947.

King Humbert. 4 ft. scarlet flowers, bronze leaves, greatest favorite today.	6.50	60.00
Yellow King Humbert. 4 ft. An orchid flowering sport of the well known variety King Humbert.	6.50	60.00
The President. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage. ...	6.50	60.00
Hungaria. 3 1/2 ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink.	6.50	60.00

Prices are F.O.B. Shipping Point.

We assume no transportation risk after shipping in good order. Should goods arrive in bad order, we would suggest that they be accepted under protest, and complaint filed against carrier.

Soft plants are not shipped to distant points by freight.

Billing—50 of any one variety at the 100 rate; 250 at the 1000 rate, except as noted.

Packing will be charged on all orders at cost.

No C. O. D. Shipments.

All foregoing prices subject to change without notice.

Greenhouse Plant Department

CARNATIONS

WHITE	Per 100	Per \$1,000
Colonel Blimp.....	\$20.00	\$150.00
*White Briry.....	15.00	125.00
Northland.....	15.00	125.00
Mercury.....	15.00	125.00
Arundel.....	12.00	100.00
Olivette.....	8.50	75.00
Puritan.....	7.00	60.00
LIGHT PINK		
*Netta. Sold out.....	20.00	150.00
Hercules.....	15.00	125.00
Virginia.....	8.50	75.00
MEDIUM PINK		
Virginia Rose.....	8.50	75.00
Peter Fisher.....	8.50	75.00
DEEP PINK		
Virginia Miller.....	15.00	125.00
John Briry.....	8.50	75.00
D. P. Fisher.....	8.50	75.00
LIGHT SALMON PINK		
*Charm.....	20.00	150.00
Salmon Virginia.....	12.00	100.00
Ida.....	8.50	75.00
SCARLET		
*William Sim.....	20.00	150.00
No. 16 Red.....	15.00	125.00
Red Seth Parker.....	12.00	100.00
Victory Red.....	12.00	100.00
MISCELLANEOUS		
Pelargonium.....	15.00	125.00
Scarlet King.....	15.00	125.00
Miller's Yellow.....	12.00	100.00
C. W. Weld.....	12.00	100.00

MINIMUM ORDER 100 CUTTINGS OF ONE VARIETY

250 AT THE 1000 RATE

Sorry we can accept no orders specifying delivery date. All orders will be shipped in rotation, in the order in which they are received.

*Sales restricted. Agreements must be signed.

CARNATION Virginia Dare

This is an extra large and very full-bodied sport of Virginia.

Production, keeping quality, color and other characteristics, including non-splitting, identical with Virginia. Awarded Silver Medal at National Flower Show 1941; Special first prize at 1942 National Flower Show, and first prize at 1942 Northwest Flower Show. Sold only under propagating agreement.

Price: \$20.00 per hundred; \$150.00 per thousand; 250 at 1,000 rate.

CINERARIAS

	Per 100	Per 1,000
Cremer's Prize Mixture and Siter's Strain. 2 1/4-inch.....	\$10.00	\$95.00

COLEUS

Standard varieties, 2 1/4 inches.....	10.00	95.00
(500 at 1,000 rate on all of above)		

CYCLAMEN

Write for quotations on the sizes that you require.

DAISIES

Yellow, rooted cuttings.....	4.00	35.00
Michelson's White, rooted cuttings.....	4.00	35.00
2 1/4 in. size on both of above.....	9.00	85.00

FUCHSIAS

Write for quotations on Standard Varieties.

GERANIUMS

Lady Esther. A distinctive new seedling of great merit. It is a good grower, which blooms early and profusely. It propagates easily. Its foliage is well marked and the cream-colored main stem, leaf and flower stems make a striking contrast with the medium-dark red flowers, 2 1/4 inches.....	Per 25		
Brooks Red, Olympic, Pink Fiat, 2 1/4 in.....	\$5.00	15.00	140.00
Red Fiat, Ricard, Wyona, Radio Red, Lorelei, Poitevine, Buchner. 2 1/4 in.....	5.00	12.50	120.00
	3.50	11.50	110.00
(500 at 1000 rate.)			

HYDRANGEAS

Pot Grown Hydrangeas—(5-in. Pots)

December delivery, 1947, f.o.b. Dayton, Ohio. Short, heavy canes. Grown and cured right for early forcing. Hamburg, Europa, Merveille, Strafford, Kuhnert, Regula. Each \$0.65
3 to 5 branched.....
4 to 7 branched..... .85

Novelties

"Bobby Merritt," "Jean Merritt" Caprice, Daphne, Engel's White, "Merritt's Beauty," Strafford.
R.C. \$20.00; 2-in., \$30.00; 3-in., \$40.00; 4-in., \$50.00; 5-in., \$60.00; 6-in., \$80.00; 7-in., \$125.00.

Recent Introductions

Altona, Europa, Hamburg, Kuhnert, Merveille, Regula, Rosabelle.
R.C. \$12.00; 2-in., \$18.00; 3-in., \$25.00; 4-in., \$40.00; 5-in., \$50.00; 6-in., \$75.00; 7-in., \$85.00.

Standard Varieties

Ami Pasquaar, Gertrude Glahn, Goliath, Louis Savage, M. Baardse, Niedersachsen.
R.C. \$6.00; 2-in., \$10.00; 3-in., \$18.00; 4-in., \$35.00; 5-in., \$45.00; 6-in., \$70.00; 7-in., \$85.00.

Our Selection of Varieties

Billed according to varieties shipped

Order rooted cuttings and 2-in. Hydrangeas now.

For Spring Delivery 1948

LANTANAS

	Per 100	Per 1,000
All the best colors 2 1/4 ins.....	\$8.50	\$80.00

PELARGONIUMS

Azalea	Lavender Queen	Mrs. Mary Bard	
Edith North	Mrs. Loyal	Giant Venus	
Orchid Edith North	Marie Vogel	Mrs. F. Bachler	
Springtime	Grossmama Fischer	Pink Vogel	
Easter Greeting	Faiss' Triumph	Edith Cavell	
Lucy Becker	Salmon Springtime	MacKay No. 2	
German Glory	Santa Monica	MacKay No. 10	
Gardener's Joy	Ruth W. McAfee	MacKay No. 12	
	Beverly Hills		
Size	Per Dozen	Per 100	Per 1,000
2 inch.....	\$2.40	\$17.00	\$165.00
3 inch.....	3.25	24.00	230.00

PETUNIAS

Colossal double, pink shades, 2 1/4 in.....	10.00	95.00
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POINSETTIA STOCK-PLANT PRICE LIST FOR 1948

ON ORDERS PLACED NOW

Albert Ecke (the finest colored commercial pot-plant variety), Variegated Ruth Ecke, and Ecke's White, field-grown plants per 100; Jumbo \$100.00; No. 1 \$80.00; No. 2 \$60.00; No. 3 \$50.00; No. 4 \$35.00; No. 5 \$25.00.

Indianapolis Red, per 100; Jumbo \$150.00; No. 1 \$120.00; No. 2 \$90.00; No. 3 \$60.00; No. 4 \$40.00; No. 5 \$25.00.

Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, Double Henriette Ecke, Barbara Ecke, St. Louis, and Pink, field-grown plants per 100; Jumbo \$95.00; No. 1 \$70.00; No. 2 \$50.00; No. 3 \$35.00; No. 4 \$25.00; No. 5 \$20.00.

At the present time we are in a position to reserve for you any amount in any size of all varieties.

The above prices are f.o.b. eastern cities, c/o Railway Express Agency, on orders placed NOW for April 1948 delivery. ON ORDERS PLACED AFTER JANUARY 1st, A TEN PERCENT PACKING CHARGE WILL BE MADE.

PRIMULA

	Per 100	Per 1,000
Primula Malacoides seedlings.....	\$ 5.00	47.50
Primula Malacoides 2 1/4 in.....	10.00	95.00
Primula Obconca 2 1/4 in.....	10.00	95.00
(500 at 1,000 rate.)		

VERBENA

Schlosser's Pride, Schlosser's Rose, Scarlet King, Mayflower, Helen Wilmott, Royal Purple, Beauty of Oxford, cerise, Beauty of Oxford, pink, Beauty of Oxford, scarlet, Beauty of Oxford, lavender, Gigantea Alba.		
Rooted Cuttings.....	2.25	20.00
2 1/4 inches.....	6.50	60.00

VINCA

Variegata, 2 1/4 in.....	10.00	95.00
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Hardy German Iris



RED DOMINION

All prices are F. O. B. Western Springs, Ill., packing charges to be added to cost.

Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow....	Each	10	25
Berkeley Gold. 38 in. A large deep clear yellow self of fine form, heavy substance and smooth texture....	\$0.30	\$2.25	.....
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster....	3.00	.....	.....
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced....	.30	2.50	\$5.50
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size....	.30	2.25	.....
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow....	.30	2.50	5.00
Caroline Burr. 40 in. Very large flowers of a new color, cool ivory overlaid with a soft elusive green....	.35	2.50	5.00
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red....	2.50	.....	.....
China Maid. 48 in. An intriguing blend of pink, golden copper and soft lilac. Large flowers of fine form....	.30	2.50	5.00
City of Lincoln. 40 in. Magnificent bicolor. Standards of bright yellow, falls rich, velvety red; golden edged....	.60	5.00	.....
Claribel. 40 in. A giant flowered, snow-white plicata, feather-stitched in soft blue....	.60	5.00	.....
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen....	.30	2.50	5.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks....	.40	3.50	7.50
Daybreak. 40 in. A huge golden pink with slight undertones of copper....	.30	2.50	5.00
Deep Velvet. 38 in. Very large, rich and stunning, deep blue-purple, almost black, with a red violet cast....	3.75	.....	.....
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris....	1.75	.....	.....
Destiny. 38 in. A great dark toned Iris. "S" deep purple; "F" well shaped, bright, blackish red-purple, with rich golden beard....	.30	2.50	5.00
E. B. Williamson. 36 in. Rich, glowing coppery-red with a silky sheen. Very unusual and extra fine....	.30	2.50	5.50
Elmohr. 36 in. A hardy colossal seedling of Wm. Mohr. Color reddish mulberry with pinkish glow; of great brilliance....	.35	3.00	6.25
Elsa Sass. 38 in. Ruffled lemon yellow, of good size and form....	1.50	11.00	.....
Exclusive. 40 in. Perfect flowers of pure light blue overlaid with a silvery mist. Very beautiful....	.75	5.00	11.25
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant....	.40	3.50	.....
Garden Magic. 44 in. A late very dark velvety red—in great demand....	.30	2.50	5.00
Golden Majesty. 42 in. A truly superb deep yellow iris. Large blooms of thick substance do not fade....	.75	6.00	.....
Golden Treasure. 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous....	.60	5.00	.....
Great Lakes. 48 in. An exquisite blue. Ideally formed blooms with flaring falls and crisp petal texture....	.40	3.00	6.25
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat....	1.00	9.00	.....
Happy Days. 40 in. An immense clear yellow with flowers over 7 inches from top to bottom....	.30	2.50	5.00
Indian Chief. 40 in. "S" pinkish red; "F" glowing, velvety red. A prolific bloomer. Early....	.30	2.50	5.00
Indian Hills. 37 in. A stunning Iris of rich wine purple....	.35	3.00	5.50
Jasmania. 38 in. A big, soft and luminous yellow, with a faint bluish tinge in center of the falls....	.30	2.50	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece....	.30	2.50	5.00
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form....	.40	3.00	6.25
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue....	.30	2.50	5.50
Maid of Astolat. 45 in. One of our finest plicatas. Large alabaster white daintily marked with clear blue....	.35	2.50	5.50
Midwest Gem. 36 in. Immense ruffled flowers of luminous apricot, flushed pink. Very fragrant....	.50	4.50	.....

"S" refers to the three standard or upright curling petals.

"F" refers to the three falls or drooping petals.

Special Offer

New Giant Flowering Irises

5 each of Black Wings, Buechly Giant, Cheerio, Crystal Beauty, Happy Days, Jean Cayeux, Pink Satin, Red Dominion, Royal Coach and Sierra Blue. 50 Irises (value \$13.00) for \$10.00.

There is no comparison between these new beauties and the old obsolete varieties. Plant out a good collection and sell the flowers on Decoration Day and the rhizomes in July, Aug. and Sept. You will be surprised at the demand you will have for them.

Ming Yellow. 50 in. The perfect yellow Iris. Vigorous in growth, strong foliage and stout, well branched stems....	Each	10	25
Missouri. 36 in. Clear vivid blue of sensational size....	\$0.75	\$6.50	.....
Morocco Rose. 38 in. "S" lustrous pale pink; "F" deep rosalyne pink, long and flaring. A beautiful creation....	.45	4.00	\$8.75
Mulberry Rose. 40 in. Huge flowers of radiant, lovely mulberry rose with a bronze beard....	.75	6.50	.....
Naranja. 40 in. Large yellow with orange-yellow falls....	3.25	.....	.....
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled....	.35	2.75	5.50
Ormohr. 40 in. Extra-large blooms of soft gray lavender veined violet with rosy glow. Hardy. Easy to grow....	.30	2.50	5.00
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink....	.60	4.50	.....
Prairie Sunset. 37 in. A gorgeous blend of peach, apricot, rose, copper and gold, like a prairie sunset....	.30	2.50	5.00
Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin....	2.00	16.50	.....
Rameses. 36 in. Pink and buff with a yellow glow at the center....	.20	1.50	.....
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red....	.30	2.50	5.00
Royal Coach. 36 in. "S" chamois yellow, overlaid pink with faint cinnamon dottings; "F" semi-flaring, bright yellow, beautifully bordered and dotted brown....	.30	2.50	5.50
Sable. 40 in. Almost perfect black with a silky sheen. Excellent form, hardness, and intense color make it "tops" in its color class....	.50	3.50	6.25
Selene. 40 in. Extra large white, a real giant. Never fails to bloom. Very fragrant; early....	1.00	.....	.....
Sensation. 45 in. Large corn-flower blue flowers of perfect form and heavy substance....	.30	2.50	5.00
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner....	.30	2.50	5.50
Snow Flurry. 40 in. Enormous, beautifully ruffled flowers of pure icy white, very faintly flushed blue....	.35	2.50	5.50
Snowking. 40 in. Giant snow-white flowers. Vigorous....	1.50	.....	.....
Spun Gold. 38 in. A magnificent Iris of gleaming, deep pure, velvety yellow. Dykes Medal 1944....	.35	3.00	6.25
Spring Cloud. 42 in. A striking plicata. S. white heavily dotted and edged blue; F. white, marked blue....	3.00	.....	.....
Stardom. 34 in. Unusual in its blending of coppery-pink and apricot-buff. Bright orange beard....	.30	2.50	5.50
The Black Douglas. 38 in. "S" dark violet; "F" blackish violet. A richly colored Iris of good form....	1.00	.....	.....
The Red Douglas. 40 in. Sensational, new vibrant red-purple of colossal size, gorgeously rich in color. The experts agree it's one of the finest of all Irises....	.30	2.50	5.00
Tiffany. 36 in. Plicata of yellow gaily stitched in burnished rose bronze. Hardy and free blooming....	.75	6.50	.....
Wabash. 39 in. Dykes Medal 1940. "S" snowy white; "F" deep hyacinth-violet. The experts agree it is one of the finest Irises ever introduced....	.40	3.50	6.25
Wm. Mohr. 26 in. Basic color is pale lilac with "S" flushed darker. Beautifully veined manganese-violet. One of the most remarkable Iris ever raised....	.60	5.00	.....
	.30	2.50	5.00

FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early flowering varieties and have a habit of blooming again in the Autumn.

	Each	10	25
Autumn King. 30 in. A large blue-purple bicolor....	\$0.25	\$2.00	\$3.75
Eleanor Roosevelt. 28 in. Deep velvety purple self....	.30	2.50	5.00
Southland. 28 in. Clear chrome yellow of good size....	.30	2.50	.....

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden....	.25	2.00	4.35
PUMILA Hybrida. Dwarf varieties that bloom two weeks in advance of the German Iris....	.....	.....	.....
Keepsake. 8 in. A new and daintier type of dwarf Iris. Clear radiant yellow with orange beard....	.35	3.00	.....
Spring Skies. 6 in. Lovely light blue, beautiful shade....	.25	2.00	4.35
Versicolor. (Common American Water Flag.) Showy violet-blue. Blooms for a long time....	.20	1.50	.....

SIBERIAN IRIS

The most hardy and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting, good established clumps having from 15 to 30 flower stalks.

	Each	10	25
Emperor. Large flowers of deep violet-blue....	\$0.25	\$2.00	\$3.75
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue....	.25	2.00	3.75
Mixed Seedlings. Fine assortment....	.25	1.75	3.00

Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

Prices are F. O. B. Western Springs, Ill., packing charges to be added at cost.

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of a balanced plant food well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

8.8 Alsace Lorraine. Creamy white, center tinted Havana brown. Very beautiful form; late midseason.....	Each	10	100
	\$0.60	\$5.00	\$45.00
8.7 Avalanche. A magnificent flower that opens like a rose. Pure snow-white, with a few pencillings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety.....	.60	5.00	40.00
9.0 Baroness Schroeder. Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby-pink, changing to creamy white. One of our best cut flower varieties and an excellent keeper in storage.....	.75	6.50	60.00
8.1 Duchess de Nemours. Superb, cup-shaped, sulphur-white flowers with a greenish reflex that lights up the entire flower. Early, free bloomer; fragrant. Good commercial variety.....	.60	5.00	.....
9.3 Festiva Maxima. Popular large white, dotted carmine. Often 7 to 8 inches in diameter. Early.....	.60	5.00	45.00
9.1 Frances Willard. Exquisite blush-white, of good substance and a fine cut flower variety.....	.75	6.50	.....
9.5 Kelway's Glorious. Fragrant glistening white petals slightly crinkled and curved inward. Late midseason.....	2.00	17.50	.....
9.4 LeCygne. A magnificent milk white flower with curving petals. Globular, of great size and free blooming. Early midseason.....	2.00	17.50	.....
9.5 Mrs. J. V. Edlund. Pure white of perfect form.....	5.00	.....	.....
7.9 Mme. de Verneville. Fragrant flowers, very full double, pure white, with center delicately tinted blush. Early.....	.50	4.00	37.50
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason.....	.75	6.50	.....
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; midseason.....	.90	7.50	.....
9.2 Solange. Compact large thick petals which closely overlap. Color a deep cream tinged amber and salmon pink. Late.....	1.00	8.50	.....
9.4 Tourangelle. Pearly-white overlaid with delicate shades of salmon. Late.....	.75	6.00	.....

LIGHT AND DARK PINK AND ROSE

8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason.....	Each	10	100
	\$0.60	\$ 5.00	.....
7.6 Eduhis Superba. Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant.....	.50	4.00	\$37.50
8.9 Georgiana Shaylor. Large, flat, pale rose pink with a few flecks of crimson. A strong grower. Midseason.....	.60	5.00	40.00
9.1 Hansina Brand. Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower.....	4.00	35.00	.....
9.1 Martha Bullock. Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety.....	1.00	9.00	.....
9.2 Mons. Jules Elie. By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety.....	.80	7.00	65.00
9.3 Mrs. F. D. Roosevelt. Very beautiful new pink that rivals Tourangelle for being called "The World's Most Beautiful Peony".....	4.00	.....	.....
9.1 Myrtle Gentry. Immense flowers of wonderful substance. Light pink tinted flesh and salmon; fragrant. Late midseason.....	1.50	12.50	.....



MONS. JULES ELIE



ORIENTAL PEONY

LIGHT AND DARK PINK AND ROSE—Continued

8.7 President Taft. See Reine Hortense.	Each	10	100
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes.....	\$0.60	\$5.00	\$40.00
9.0 Sarah Bernhardt. One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason.....	.75	6.00	55.00
9.3 Walter Faxon. Bright delicate rose pink flower. Free blooming; lasts well cut. Midseason.....	.75	6.50	.....

RED AND CRIMSON

8.6 Cherry Hill. Deep garnet with a glistening sheen, brightened by golden stamens. Early.....	.90	7.50	.....
8.4 Felix Crousse. Large globular blooms of rich, even brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety.....	.60	5.00	47.50
8.2 Grover Cleveland. Large compact flowers of rich bright crimson on stiff stems. It has excellent foliage and is one of our most desirable reds. Late midseason.....	.60	5.00	45.00
8.8 Karl Rosefield. Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early.....	.75	6.00	50.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason.....	1.00	9.00	.....
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex.....	1.50	12.50	.....
8.6 Officinalis Rubra Plena. Old-fashioned early red usually in bloom by Decoration Day.....	.90	7.50	.....
9.2 Philippe Rivoire. Perfectly formed flowers of very dark crimson; velvety sheen; fragrant; late.....	1.75	15.00	.....

ORIENTAL FLOWERED PEONIES

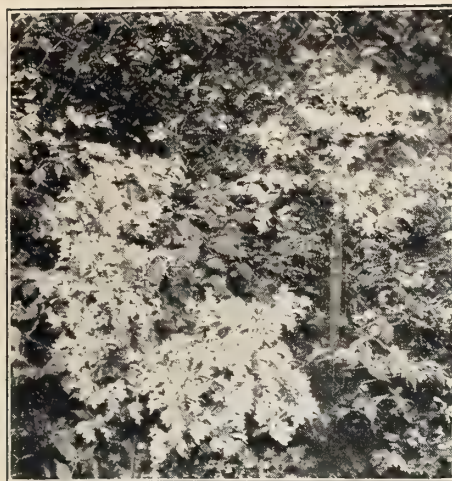
9.2 Ama-No-Sode. Bright rose, shading lighter toward the edge of the petals; considered the best pink.....	Each	10	100
	\$1.50	.....	.....
9.2 Fuyajo. Rich dark maroon guards. Petaloids dark red striped and tipped buff.....	.90	7.50	.....
8.2 Gold Mine. Cup-shaped flowers of dark rose-pink with deep golden center. A strong grower and profuse bloomer. Midseason.....	.50	\$4.00	\$37.50
8.6 Mikado. Guards velvety crimson, forming a cup enclosing crimson petaloids, edged and tipped gold.....	.75	6.00	.....
9.0 Toro-No-Maki. Very large lilac-white with amber-yellow center. Spectacular and very beautiful.....	2.25	.....	.....

TREE PEONIES—5 Inch Pot Plants

Lactea. Pure white, blotched carmine.....	4.00	.....	.....
Reine Elizabeth. Very large, bright salmon-pink.....	4.50	.....	.....
Souv. De Ducher. Large, globular blooms of bright reddish violet with silvery reflex.....	4.50	.....	.....
Souv. De Maxine Cornu. Enormous flowers with wrinkled petals of deep yellow, heavily shaded orange.....	7.50	.....	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.	\$0.50	\$3.50	\$30.00
Double Red......	.50	4.00	35.00
Double White......	.50	3.50	30.00



KOLKWITZIA Amabilis (Beauty Bush)


 VIBURNUM Opulus Sterile
(Old Fashioned Snowball)


FRENCH HYBRID LILAC

Ornamental and Flowering Shrubs

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 30 plants of one kind supplied at 100 rate.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 3 to 4 ft.	\$0.60	\$5.50	\$45.00
4 to 5 ft. ....	.70	6.00	50.00
ARONIA Brilliantissima. 3 to 4 ft. ....	.60	5.00	45.00
BERBERIS (Barberry)			
Thunbergi. 18 to 24 in. ....	.50	4.00	37.50
Thunbergi Atropurpurea. 18 to 24 in. ....	.60	5.50	
2 to 2½ ft. ....	.75	6.50	
CALYCANTHUS Floridus (Sweet Shrub).			
18 to 24 in. ....	.60	5.00	
CORNUS Alba Sibirica (Coral Dogwood). 3 to 4 ft. ....	.60	5.00	40.00
2 to 3 ft. ....	.40	3.50	30.00
Paniculata. 3 to 4 ft. ....	.50	4.50	
Stolonifera Flaviramea. (Goldentwig Dogwood).			
3 to 4 ft. ....	.60	5.00	40.00
COTONEASTER Acutifolia. 2 to 3 ft. ....	.60	5.00	40.00
3 to 4 ft. ....	.70	6.00	50.00
Divaricata (Spreading C). 2 to 3 ft. ....	.70	6.50	
CRATEAGUS. See page 28.			
CYDONIA Japonica (Flowering Quince).			
18 to 24 in. ....	.50	4.50	
EUONYMUS Alatus (Burning Bush).			
2 to 3 ft.	1.25	10.00	
3 to 4 ft.	1.65	15.00	
4 to 5 ft.	2.25	20.00	
Alatus Compacta. 18 to 24 in.	1.00	9.00	
24 to 30 in.	1.50	12.50	
2½ to 3 ft. Specimens.	2.25	20.00	
3 to 3½ ft. Specimens, B. & B.	3.50		
Europaeus. (European Burning Bush).			
4 to 5 ft. ....	.90	7.50	
5 to 6 ft.	1.00	9.00	
Radicans Vegetus. (Bigleaf Wintercreeper). A trailing evergreen vine with larger leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 18 to 24 in. B. & B.	2.25	25.00	
2 to 2½ ft., B. & B.	3.50	30.00	
FORSYTHIA Intermedia.			
2 to 3 ft. ....	.45	4.00	35.00
3 to 4 ft. ....	.50	4.50	40.00
Intermedia Spectabilis.			
2 to 3 ft. ....	.50	4.50	40.00
3 to 4 ft. ....	.60	5.00	45.00
Ovata (Korean Goldenbell). 2 to 3 ft. ....	.60	5.00	
4 to 5 ft. ....	.75	6.50	

HAMAMELIS Vernalis (Winter Blooming Witch-hazel). 3 to 4 ft.	\$1.25		
4 to 5 ft.	2.00		
Virginica (Common Witch-hazel). 4 to 5 ft.	1.25	\$10.00	
HYDRANGEA Arborescens Grandiflora (Snowball H.) 18 to 24 in. ....	.75		
Paniculata Grandiflora. (P. G. Hydrangea).			
18 to 24 in. ....	.60	5.00	
KOLKWITZIA Amabilis. (Beauty Bush).			
2 to 3 ft. ....	.80	7.50	
3 to 4 ft.	1.00	9.00	
4 to 5 ft.	1.25	10.00	
LIGUSTRUM Amurense. (Amur Privet, North).			
18 to 24 in.	2.00		\$18.00
2 to 3 ft.	3.00		27.50
Ibolum (Ibolum Privet). 2 to 3 ft.	3.00		27.50
3 to 4 ft.	3.50		30.00
Ibota Regelianum. (Regel's Privet). 3 to 4 ft. ....	.60	5.00	
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle).			
Fragrantissima (Winter Honeysuckle). 2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.60	5.00	40.00
Korolkowi Zabeli (True Red Honeysuckle).			
3 to 4 ft. ....	.65	6.00	
4 to 5 ft. ....	.85	7.50	
Ruprechtiana. 3 to 4 ft. ....	.50	4.50	40.00
4 to 5 ft. ....	.60	5.00	45.00
Tatarica Rosea. 3 to 4 ft. ....	.60	5.00	40.00
Tatarica Rubra. 2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.60	5.00	40.00
4 to 5 ft. ....	.65	6.00	50.00
PHILADELPHUS Mockorange. Grandiflorus.			
2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.60	5.00	40.00
5 to 6 ft. ....	.70	6.00	50.00
Lemoinei (Lemoine Mockorange). 18 to 24 in. ....	.55	4.50	
2 to 3 ft. ....	.60	5.00	45.00
Virginal. 2 to 3 ft. ....	.75	6.50	
3 to 4 ft. ....	.90	7.50	
Zeyheri. 3 to 4 ft. ....	.75	6.50	
PHYSOCARPUS Monogynus (Dwarf Ninebark).			
2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.55	4.50	40.00
Opulifolius (Common Ninebark). 5 to 6 ft. ....	.70	6.00	50.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices except where noted are F. O. B. Our Nurseries, Western Springs, Ill.

ORNAMENTAL SHRUBS—Continued	Each	10	100
PRUNUS Besseyi Hanseni (Hansen's Improved Bush Cherry). 2 to 3 ft.	\$0.60	\$4.50	.....
Glandulosa Sinensis (Double Pink Flowering Almond). 2 to 3 ft.	.85	7.50	.....
RHAMNUS Cathartica (Buckthorn). 3 to 4 ft.	.60	5.00	\$40.00
4 to 5 ft.	.70	6.00	50.00
RHODOTYPOS Kerrioides (Jetbead). 2 to 3 ft.	.60	5.50	.....
SPIRAEA Arguta Multiflora. 2 to 3 ft.	.50	4.00	30.00
3 to 4 ft.	.60	5.00	45.00
Bumalda Anthony Waterer. 15 to 18 in.	.50	3.50	30.00
18 to 24 in.	.60	4.00	35.00
Bumalda Froebeli. 18 to 24 in.	.50	4.00	30.00
24 to 30 in.	.60	5.00	35.00
Trichocarpa. 3 to 4 ft.	.60	5.00	40.00
4 to 5 ft.	.70	6.00	50.00
Van Houttei (Bridal Wreath). 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.50	40.00
SYMPHORICARPOS.			
Chenaulti (Chenault Coralberry). 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
Racemosus. (Snowberry). 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
SYRINGA Lilac.			
Persian Purple. 2 to 3 ft.	.55	5.00	45.00
3 to 4 ft.	.75	6.50	60.00
Villosa (Late Lilac). 3 to 4 ft.	.85	7.50	.....
Vulgaris Purpurea (Common Purple Lilac). 2 to 3 ft.	.60	5.00	.....
3 to 4 ft.	.70	6.00	.....
NAMED FRENCH VARIETIES OF LILACS.			
Charles X, Marie LeGraye. 3 to 4 ft., bushy.	1.50	12.50	.....
Berryer, Charles X, Ludwig Spaeth, Marie LeGraye. 4 to 5 ft., bushy.	2.00	17.50	.....
Marechal Lannes, Monge. 3 to 4 ft., bushy.	2.25	.....	.....
Marechal Lannes, Pres. Poincare, Vestale. 4 to 5 ft., bushy.	3.00	.....	.....

	Each	10	100
TAMARIX Hispidia (Kashgar Tamarix). 2 to 3 ft.	\$0.70	\$6.00	.....
VIBURNUM Americanum. 2 to 3 ft.	.50	4.50	.....
3 to 4 ft.	.65	5.50	.....
Dentatum. 2 to 3 ft.	.50	4.00	\$35.00
Fragrans. 18 to 24 in. B & B.	2.00	.....	.....
2 to 3 ft., B. & B.	2.60	.....	.....
Lantana. 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.75	6.00	55.00
Lentago. 2 to 3 ft.	.50	4.50	40.00
3 to 4 ft.	.65	5.50	.....
Opulus. 2 to 3 ft.	.50	4.50	40.00
3 to 4 ft.	.65	5.50	45.00
4 to 5 ft.	.75	6.50	.....
Opulus Sterile (Old Fashioned Snowball). 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	.85	7.50	.....
WEIGELA Rosea. 3 to 4 ft.	.70	6.00	.....
Eva Rathke. 2 to 3 ft.	.75	6.50	.....

Hardy Vines

AMPELOPSIS Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed.			
2 year No. 1.	.60	5.50	40.00
3 year No. 1.	.75	6.50	55.00
CELASTRUS. Scandens (American Bittersweet). 2-year.	.50	4.00	35.00
HEDERA Helix Baltica or Gracilis (Hardy English Ivy). 3 in. pots.	.60	4.00	.....
CLEMATIS Henryi. (Single White).	.75	6.50	.....
Jackmani. (Single Purple).	.75	6.50	.....
Mme. Edw. Andre. (Single Red).	.75	6.50	.....
No. 1 plants.	.75	6.50	.....

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

All prices subject to change without notice, F. O. B. Western Springs, Ill., packing additional at cost.

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

ABIES Concolor (White Fir). Dark green to blue foliage; a pyramidal tree of rapid growth.	Each	10
2 1/2 to 3 ft.	\$ 5.50	\$ 52.50
3 to 3 1/2 ft.	6.50	62.50
3 1/2 to 4 ft.	7.50	72.50
4 to 4 1/2 ft.	9.50	90.00
4 1/2 to 5 ft.	10.00	95.00
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.		
24 to 30 in.	2.75	25.00
2 1/2 to 3 ft.	3.50	32.50
3 to 3 1/2 ft.	4.00	37.50
Chinensis Columnaris. (Blue Chinese Column Juniper). Rapid Growing with sharp blue-green foliage.		
3 1/2 to 4 ft.	6.00	55.00
4 to 4 1/2 ft.	6.50	60.00
4 1/2 to 5 ft.	7.00	65.00
5 to 5 1/2 ft.	8.00	75.00
5 1/2 to 6 ft.	10.00	95.00
6 to 7 ft.	11.50	.....
Chinensis Keteleeri (Keteleer J.) Greenest in Winter with large berries.		
4 to 4 1/2 ft.	6.75	65.00
4 1/2 to 5 ft.	8.00	75.00
5 to 5 1/2 ft.	8.75	82.50
5 1/2 to 6 ft.	10.00	95.00
6 to 6 1/2 ft.	11.50	110.00
6 1/2 to 7 ft.	12.50	.....
7 to 7 1/2 ft.	14.50	.....
7 1/2 to 8 ft.	16.50	.....
Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick rich green foliage, giving feathery appearance.		
15 to 18 in. spread.	2.75	25.00
18 to 24 in. spread.	3.50	32.50
24 to 30 in. spread.	4.50	42.50
2 1/2 to 3 ft. spread.	5.25	50.00
4 to 4 1/2 ft. spread.	9.50	90.00
4 1/2 to 5 ft. spread.	11.50	110.00
5 to 5 1/2 ft. spread.	12.50	120.00
5 1/2 to 6 ft. spread.	15.00	.....
6 to 6 1/2 ft. spread.	16.50	.....
Chinensis Pfitzeriana Upright (Upright Pfitzer Juniper). These have been staked to give more height.		
2 1/2 to 3 ft.	6.75	62.50
3 to 3 1/2 ft.	8.00	75.00



JUNIPERUS Chinensis Pfitzeriana
(Pfitzer Juniper) Best of All Evergreens

JUNIPERUS Chinensis Pfitzeriana Compacta. A dense blue-green variety.	Each	10
3 to 3 1/2 ft. spread.	\$ 8.50	\$80.00
3 1/2 to 4 ft. spread.	10.00	.....
Chinensis Procumbens (Creeping Chinese Juniper). A hardy bluish green creeper with sharp foliage.		
4 to 4 1/2 ft.	7.25	70.00
4 1/2 to 5 ft.	8.00	.....
Communis Hibernica (Irish Juniper). A dense columnar green juniper.		
3 to 3 1/2 ft.	4.00	37.50
3 1/2 to 4 ft.	5.00	46.50
4 to 4 1/2 ft.	6.00	56.00
4 1/2 to 5 ft.	7.25	67.50
5 to 5 1/2 ft.	8.50	80.00
Horizontalis Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 18 to 24 in. spread.	3.50	32.50
2 to 2 1/2 ft.	4.25	40.00
3 1/2 to 4 ft.	7.00	.....
4 to 4 1/2 ft.	8.00	.....
Sabina (Savin Juniper). A dwarf; semi-erect and spreading. 18 to 24 in.	2.75	25.00
2 to 2 1/2 ft.	3.50	32.50
2 1/2 to 3 ft.	4.00	37.50

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

VAUGHAN'S EVERGREENS *Juniperus*—Continued

		Each	10
Sabina Vonehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
18 to 24 in.		\$ 3.25	\$ 30.00
2 to 2½ ft.		4.00	37.00
2½ to 3 ft.		4.75	45.00
Scopulorum (Colorado Juniper). Narrow upright tree of good color; green to silvery blue.			
4 to 4½ ft.		5.00	47.50
4½ to 5 ft.		6.00	57.50
5 to 5½ ft.		6.50	60.00
5½ to 6 ft.		8.00	75.00
Scopulorum (Colorado Silver J.) A select strain from narrow upright trees of good silvery green color.			
5½ to 6 ft.		8.00	75.00
6 to 6½ ft.		9.50	90.00
Scopulorum Chandleri (Chandler's Silver J.) A very silvery blue color. A compact grower with slightly weeping branches. 4 to 4½ ft.			
4½ to 5 ft.		6.75	65.00
5 to 5½ ft.		8.50	80.00
5½ to 6 ft.		9.50	90.00
6 to 6½ ft.		11.00	105.00
6½ to 7 ft.		13.50	.....
Scopulorum Gareei (Garee's Juniper). An upright variety with spreading branches; light blue-green.			
4½ to 5 ft.		8.50	80.00
5 to 5½ ft.		10.00	95.00
5½ to 6 ft.		11.75	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter. 4 to 4½ ft.			
4½ to 5 ft.		4.50	42.50
5 to 5½ ft.		5.50	50.00
5½ to 6 ft.		6.00	55.00
6 to 6½ ft.		7.00	65.00
Virginiana Burki (Burk's Red Cedar). An improved form of Silver Redcedar, having a more compact growth and finer foliage.			
4½ to 5 ft.		8.00	75.00
5 to 5½ ft.		9.00	85.00
5½ to 6 ft.		10.00	95.00
6 to 6½ ft.		11.00	100.00
6½ to 7 ft.		12.50	120.00
7 to 7½ ft.		15.00	.....
7½ to 8 ft.		20.00	.....
Virginiana Canaerti (Canaert Red Cedar). Rich, deep green foliage, heavily tufted. 4 to 4½ ft.			
4½ to 5 ft.		7.50	70.00
5 to 5½ ft.		8.50	80.00
5½ to 6 ft.		10.00	95.00
6 to 6½ ft.		10.75	.....
6½ to 7 ft.		12.00	115.00
7 to 7½ ft.		13.75	132.50
7½ to 8 ft.		15.00	.....
8 to 9 ft.		17.50	.....
9 to 10 ft.		20.00	.....
9½ to 11 ft.		22.50	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
4 to 4½ ft.		7.50	70.00
4½ to 5 ft.		8.50	80.00
5 to 5½ ft.		10.00	95.00
5½ to 6 ft.		11.00	105.00
6 to 6½ ft.		12.00	115.00
6½ to 7 ft.		13.75	.....
7 to 7½ ft.		15.00	.....
7½ to 8 ft.		17.50	.....
8 to 9 ft.		20.00	.....
9 to 10 ft.		22.50	.....
Virginiana Hilli (Dundee J.). A dense gray-green pyramid, plum colored in winter.			
4½ to 5 ft.		8.50	80.00
5 to 5½ ft.		10.00	95.00
5½ to 6 ft.		11.00	105.00
6 to 6½ ft.		12.00	115.00
6½ to 7 ft.		13.75	130.00
7 to 7½ ft.		17.50	.....
7½ to 8 ft.		20.00	.....
Virginiana Schotti (Schott Redcedar). A heavily tufted pyramid; light green, summer and winter. 4½ to 5 ft.			
5 to 5½ ft.		8.50	80.00
5½ to 6 ft.		10.00	95.00
6 to 6½ ft.		10.75	102.50
6½ to 7 ft.		12.00	115.00
7 to 7½ ft.		13.75	.....
7½ to 8 ft.		15.00	.....
8 to 9 ft.		17.50	.....
9 to 10 ft.		20.00	.....
PACHYSANDRA Terminalis. Evergreen Spurge (Japanese Spurge) Excellent ground cover for shady places. Thick leathery leaves hold on all winter. 2¼ inch pot plants. per 100, \$12.00			
		.....	2.00
PICEA Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage.			
2½ to 3 ft.		4.00	37.50
3 to 3½ ft.		4.75	45.00
3½ to 4 ft.		10.00	.....
4 to 4½ ft.		12.50	.....
4½ to 5 ft.		13.75	.....
5 to 5½ ft.		17.50	.....
Excelsa (Norway Spruce). 2 to 2½ ft.			
2½ to 3 ft.		2.25	20.00
3 to 3½ ft.		2.65	25.00
3½ to 4 ft.		3.00	27.50
PICEA Pungens (Colorado Green Spruce). Bluish green foliage.			
2 to 2½ ft.		4.75	45.00
2½ to 3 ft.		5.25	50.00
3 to 3½ ft.		5.75	55.00

PICEA Pungens—Continued

		Each	10
3½ to 4 ft.		\$ 7.25	\$ 70.00
4 to 4½ ft.		8.50	80.00
4½ to 5 ft.		9.50	90.00
5 to 5½ ft.		10.50	100.00
Pungens Glauca (Colorado Blue Spruce). Selected blue form. 2 to 2½ ft.			
2½ to 3 ft.		5.75	55.00
3 to 3½ ft.		7.00	.....
3½ to 4 ft.		20.00	.....
4 to 4½ ft.		25.00	.....
4½ to 5 ft.		27.50	.....
5 to 5½ ft.		35.00	.....
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 8 ft.			
8½ ft.		50.00	.....
9 ft.		55.00	.....
10 ft.		60.00	.....
11 ft.		70.00	.....
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen; fine for rock planting and foundation work. 12 in.			
15 in.		1.60	15.00
18 in.		2.25	20.00
2 ft.		2.75	25.00
2½ ft.		3.50	32.50
3 ft.		4.50	.....
3½ ft.		6.75	65.00
4 ft.		8.00	.....
Nigra (Austrian Pine). 2½ to 3 ft.			
3 to 3½ ft.		4.25	40.00
3½ to 4 ft.		4.75	45.00
4 to 4½ ft.		5.50	52.50
4½ to 5 ft.		6.00	57.50
TAXUS Cuspidata (Japanese Yew). Dense spreading growth with dark green foliage.			
15 to 18 in.		5.25	50.00
18 to 24 in.		6.50	62.50
3½ ft.		15.00	.....
4 ft.		20.00	.....
4½ ft.		25.00	.....
Cuspidata Capitata (Upright Japanese Yew). A pyramidal form, dark green. Looks well sheared.			
2 ft.		8.00	.....
2½ ft.		10.00	.....
3 ft.		15.00	.....
3½ ft.		20.00	.....
Cuspidata Nana (Dwarf Japanese Yew). Bushy spreading habit with deep rich green leaves.			
3½ ft.		25.00	.....
4 ft.		30.00	.....
4½ ft.		35.00	.....
Media Hicksi (Hick's Yew). Very compact, narrow upright. 2½ ft.			
3 ft.		8.00	.....
3½ ft.		12.00	.....
4 ft.		15.00	.....
4½ ft.		17.50	.....
THUJA Occidentalis (American Arborvitae).			
3½ to 4 ft.		3.00	27.50
4 to 4½ ft.		4.00	37.50
4½ to 5 ft.		4.35	40.00
5 to 5½ ft.		5.25	50.00
5½ to 6 ft.		6.00	57.50
6 to 6½ ft.		6.50	60.00
6½ to 7 ft.		7.50	70.00
7 to 8 ft.		8.50	80.00
8 to 9 ft.		9.50	90.00
9 to 10 ft.		10.75	100.00
10 to 12 ft.		12.50	112.00
*Occidentalis Douglassi Pyramidalis (Douglas Pyramidal Arborvitae). A narrow glossy green tree with twisted trunks.			
2½ to 3 ft.		2.75	25.00
3 to 3½ ft.		3.50	32.50
3½ to 4 ft.		4.00	37.50
4 to 4½ ft.		4.50	42.50
4½ to 5 ft.		5.00	47.50
5 to 5½ ft.		6.00	57.50
5½ to 6 ft.		6.50	60.00
6 to 6½ ft.		7.50	70.00
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 15 in.			
18 in.		2.00	17.50
24 in.		2.35	21.50
30 in.		2.75	25.00
36 in.		3.25	30.00
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage.			
3 to 3½ ft.		3.50	32.50
3½ to 4 ft.		4.00	37.50
4 to 4½ ft.		4.50	42.50
4½ to 5 ft.		5.00	47.50
5 to 5½ ft.		6.00	57.50
5½ to 6 ft.		6.50	60.00
6 to 6½ ft.		7.50	70.00
6½ to 7 ft.		8.00	75.00
7 to 8 ft.		9.50	90.00
8 to 9 ft.		10.75	100.00
9 to 10 ft.		11.75	110.00
Occ. Rosenthalii (Rosenthal Arborvitae). Dark green dense foliage; compact grower.			
3 to 3½ ft.		3.50	32.50
3½ to 4 ft.		4.75	45.00
4 to 4½ ft.		5.50	50.00
4½ to 5 ft.		6.50	60.00
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.			
4½ to 5 ft.		6.75	62.50
5 to 5½ ft.		8.50	80.00
5½ to 6 ft.		10.00	.....

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Ornamental and Shade Trees



 NORWAY MAPLE

All our trees are nursery grown and are one or more times transplanted. All prices are subject to change without notice and are F. O. B. Nursery, Western Springs, Illinois.

ACER Dasycarpum (Silver Maple).	Each	10
8 to 10 ft., 1 to 1 1/4 in. caliper.....	\$2.00	\$17.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	2.75	25.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	3.25	30.00
10 to 12 ft., 1 3/4 to 2 in. caliper.....	3.75	35.00
Platanoides (Norway Maple).		
8 to 10 ft., 1 to 1 1/4 in. caliper.....	3.00	27.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	4.25	40.00
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.....	5.00	47.50
10 to 12 ft., 1 3/4 to 2 in. caliper.....	5.75	55.00
Platanoides Columnare (Columnar Norway Maple).		
8 to 10 ft., 1 to 1 1/4 in. caliper.....	4.25	40.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	6.00	55.00
Platanoides Schwedleri (Schwedler Maple).		
8 to 10 ft., 1 to 1 1/4 in. caliper.....	4.50	42.50
16 to 18 ft., 3 1/2 in. caliper.....	15.00	.....
16 to 18 ft., 3 3/4 in. caliper.....	17.50	.....
CELTIS Occidentalis (Hackberry).		
6 to 8 ft.....	1.75	15.00
8 to 10 ft., 1 to 1 1/4 in. caliper.....	2.50	22.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	3.00	27.50
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	3.75	35.00
CRATAEGUS. (Hawthorn).		
Carrieri. (Carriere Hawthorn). 4 to 5 ft.....	2.50	22.50
5 to 6 ft.....	3.25	30.00
6 to 8 ft.....	4.00	37.50
Coccinea (Thicket Hawthorn).		
4 to 5 ft.....	2.50	22.50
5 to 6 ft.....	3.25	30.00
6 to 8 ft.....	4.00	37.50
Cordata. (Washington Hawthorn).		
8 to 10 ft., specimens, B. & B., 1 1/2 to 2 in. caliper.....	12.50	.....
10 to 12 ft., specimens, B. & B., 2 to 2 1/2 in. caliper.....	15.00	.....
Crusgalli. (Cockspur Hawthorn).		
4 to 5 ft.....	2.90	28.50
5 to 6 ft.....	3.75	35.00
6 to 8 ft.....	4.50	42.50
Mollis (Downy Hawthorn).		
5 to 6 ft.....	3.25	30.00
6 to 8 ft.....	4.00	37.50
8 to 10 ft.....	5.00	47.50
Oxyacantha Splendens (Paul's Double Scarlet Hawthorn). 5 to 6 ft.....	3.50	32.50
6 to 7 ft. specimens, B. & B., 1 1/4 to 1 1/2 in. caliper.....	10.00	.....
7 to 8 ft., 1 1/2 to 1 3/4 in. caliper., specimens B. & B.....	13.75	.....
FRAXINUS Americana (American White Ash).		
8 to 10 ft., 1 to 1 1/4 in. caliper.....	2.00	17.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	2.25	20.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	2.50	22.50
GINKGO, Biloba. 6 to 8 ft.....	4.00	37.50
6 to 8 ft., 1 to 1 1/4 in. caliper.....	5.25	50.00

GLEDITSIA Triacanthos. (Honeylocust).	Each	10
8 to 10 ft., 1 to 1 1/4 in. caliper.....	\$ 2.00	\$17.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	2.25	20.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	3.00	27.50
10 to 12 ft., 1 3/4 to 2 in. caliper.....	4.00	37.50
Triacanthos Inermis (Thornless Honeylocust).		
8 to 10 ft., 1 to 1 1/4 in. caliper.....	2.25	20.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	2.75	25.00
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.....	3.25	30.00
8 to 10 ft., 1 3/4 to 2 in. caliper.....	4.25	40.00
MALUS (Flowering Crab Apples).		
Eleyi, Hopa. 4 to 5 ft.....	1.50	12.50
5 to 6 ft., 1 1/8 to 1 in. caliper.....	2.00	17.50
Eleyi, 5 to 6 ft., 1 1/4 to 1 1/2 in. caliper.....	5.00	45.00
Eleyi, 6 to 7 ft., 1 1/2 to 1 3/4 in. caliper.....	5.75	52.50
Eleyi, Floribunda. 6 to 8 ft., 1 3/4 to 2 in. caliper, specimens B. & B.....	10.00	.....
Eleyi, Floribunda. 2 to 2 1/2 in. caliper, specimens, B. & B.....	15.00	.....
Ioensis Bechteli (Bechtel's Double Flowering Crab).		
4 to 5 ft.....	2.50	22.50
5 to 6 ft., 1 1/8 to 1 in. caliper.....	3.90	37.50

POPULUS.

Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground.

10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	2.00	17.50
10 to 12 ft., 1 3/4 to 2 in. caliper.....	2.50	22.50
12 to 14 ft., 2 to 2 1/4 in. caliper.....	3.00	27.50

PRUNUS.

Newport (Purple-leaved Plum).

2 to 3 ft.....	1.00	9.00
5 to 6 ft.....	2.00	.....

TILIA.

Americana (American Linden).

8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	2.75	25.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	3.00	27.50

Cordata (Littleleaf European Linden).

8 to 10 ft., 1 to 1 1/4 in. caliper.....	2.75	25.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	3.00	27.50
10 to 12 ft., 2 to 2 1/4 in. caliper.....	5.50	52.50
10 to 12 ft., 2 1/4 to 2 1/2 in. caliper.....	6.75	65.00

Platyphyllas Pryamidalis (Pyramidal European Linden). 8 to 10 ft., 1 to 1 1/4 in. caliper.....

3.00 27.50

ULMUS (Elm). 4 varieties.

Americana (American Elm); Amer. Molini (Amer. Moline Elm); Amer. Urni (Amer. Vase-Shaped Elm); Pumila (Chinese Elm).

8 to 10 ft., 1 to 1 1/4 in. caliper.....	2.50	22.50
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.....	3.00	27.50
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.....	3.50	32.50
10 to 12 ft., 1 3/4 to 2 in. caliper.....	3.75	35.00

Write for prices on Elms in larger sizes.



AMERICAN ELM, VASE TYPE

Sprayers and Dusters

DOBBIN'S BIGHEAD SPRAYER

5 1/8 diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.



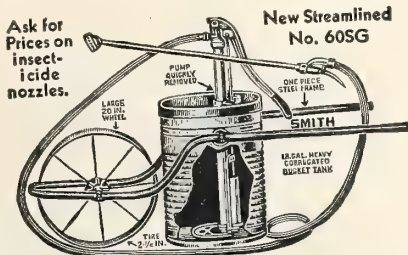
No. 44G
Galvanized tank. Ea.,
\$7.75.

Brass. Ea.,
\$14.95.



SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3 1/2 gallon capacity. Price, Galv., \$6.95. Brass, Ea., \$12.95.



Ask for
Prices on
insect-
icide
nozzles.

New Streamlined
No. 60SG

WHEELBARROW SPRAYER

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$28.95. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$46.75.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price, complete, \$19.75.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, \$27.75.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 3 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No. moving parts to wear out or break. Each, \$5.95; six for \$27.80.



Pneumatic Galvanized continuous one quart size with two nozzles for straight and underleaf spraying. Each, \$1.50; dozen, \$14.00.

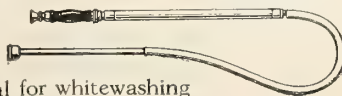


PNEUMATIC HAND SPRAYER

Pneumatic Tin Hand Sprayer. Same as above, each, \$1.25; dozen, \$11.00.

Tin Hand Sprayers. Full qt. size, retails at 70c; per doz., \$5.40.

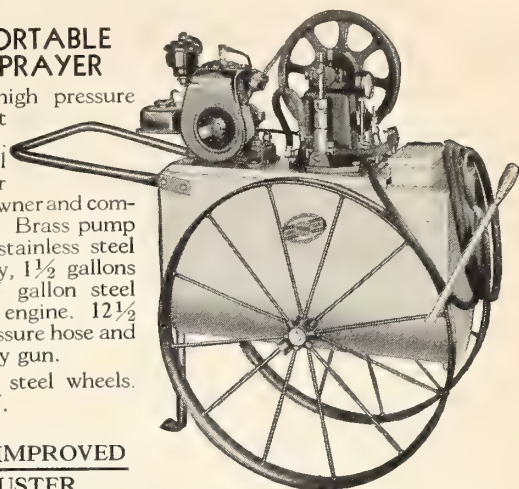
AIROSPRAYER, can be used in any ordinary bucket. The modern sprayer for gardens, shrubs, lawns and trees. Ideal for whitewashing and fire fighting. Each, \$7.25; three for \$18.75.



UTILITY PORTABLE POWER SPRAYER

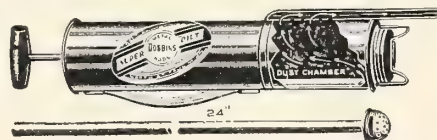
A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity, 1 1/2 gallons per minute, 25 gallon steel tank, 1 1/2 H.P. engine. 12 1/2 feet of high pressure hose and adjustable spray gun.

No. 3240 with steel wheels.
Each \$140.25.



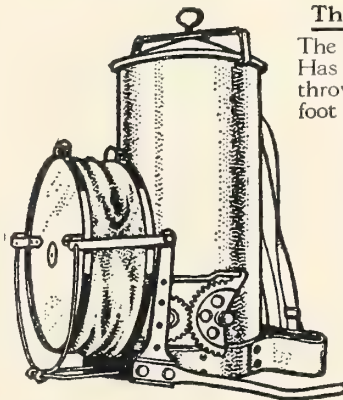
DOBBIN'S IMPROVED HAND DUSTER.

A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity, 1 lb., equipped with two-way dust cap. No. 132 Duster, Each, \$1.45. 6 for \$7.20.



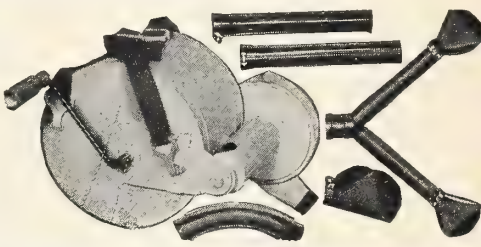
The American Beauty Duster.

The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$28.50. Write for leaflet on the American Beauty Dust Sprayer.



CHALLENGE DUST GUN No. C3.

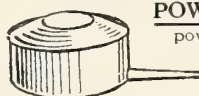
For Dusting Rote-none, Pyrethrum Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Ea., \$21.80.



FEENEY MODEL B DUSTER.

Each, 95c; six for \$5.40; doz., \$9.60.

CYCLONE



POWDER GUNS.

The best dry powder gun for blowing powder on plants and insects. Cyclone, each, 25c; doz., \$2.20; Jumbo, each, 50c; doz., \$4.20.

JUMBO



BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$3.25; six for \$16.50.



Write for leaflet and prices on Hardie Greenhouse Special Power Sprayer

New Greenhouse Insecticides

Sodium Selenate Makes Plants Poison Insects

Sodium selenate, which Dr. W. E. Blauvelt of Cornell University told a florists' meeting at Cornell University, "is out of the experimental stage," when applied to the soil in a greenhouse bench is absorbed by the plants, and makes them poisonous to insects.

Over 18,000 pounds have been used in 1946, sufficient to treat over a hundred fifty million square feet of greenhouse bench area. One treatment of the soil is effective for three to six months.

Not all insects are affected. It works best with soft plants like chrysanthemums, carnations, gladioli, cyclamens, saintpaulias, etc., and has not been found entirely effective on woody plants. It kills red spider and aphid on chrysanthemums and carnations, cyclamen mites on chrysanthemums and saintpaulias, foliar nematodes and midge on chrysanthemums.

Complete instructions for use are sent with the material and must be followed closely.

PURE SODIUM SELENATE is a granular powder, very concentrated: One pound treats 1,800 square feet of bench area. This material is completely water-soluble. 100 grams (makes 1 gallon) prepaid \$1.50; per lb., \$4.00; 100 lbs., \$350.00. By express, charges collect.

P-40 IS TWO PER CENT SODIUM SELENATE and ninety-eight per cent carrier (superphosphate in the present material). It is a dilute material. Three pounds treat only 100 square feet of bench area. 3 lbs., \$1.50 prepaid; 25 lbs., \$4.25; 50 lbs., \$8.00; 100 lbs., \$14.00, by express, charges collect, 2,000 lbs., \$240.00.

Azofume 70 (Azobenzene)

The new fumigant for controlling Red Spiders on roses. Price per 5 lb. package, \$11.25; 10 lbs., \$20.00; 25 lbs., \$43.75; 50 lbs., \$75.00; 100 lbs., \$125.00.

AZOFUME 100. (Technical grade 100% Azobenzene). For use in electric or kerosene lamps generally used for fumigating with naphthalene compounds. Use in exactly the same manner as Fulex and other type vapors. Price, 5 lbs., \$13.00; 10 lbs., \$22.85; 25 lbs., \$48.75; 50 lbs., \$81.25; 100 lbs., \$130.00.

AZOFUME 10 (Dusting Form). We consider this dust as an ideal addition to the Azobenzene family. Where small pockets of spider occur in greenhouses on carnation and roses, dusting with Azofume 10 fills in. Also recommended for outside use on phlox, roses and evergreens. Price 4 lb. pkg., \$2.00; 50 lbs., \$17.50.

AZOFUME 45 CANDLES. Now you can fumigate easily and simply with Azofume in candle form. Merely light them, and after the flame has spread a few seconds, the flame is extinguished and the candle smoulders for about an hour. Each candle treats approximately 6000 cubic feet of greenhouse space; about one pound of candles to 25,000 cubic feet. No need to split the treatment into two or more applications. **AZOFUME 45** is effective on red spiders, cyclamen mite and most other types of mites found in greenhouses on **ROSES, CARNATIONS, MUMS, CYCLAMENS, CALLAS, HYDRANGEAS, GARDENIAS, CAMELIAS, GERANIUMS, IVIES, KALANCHOES, AGERATUMS, CINERARIAS, PRIMULAS, COLEUS** and many other plants. 24 Candles to a carton for \$10.80; 96 Candles to a case for \$43.20.

HYPOZENE 20-DUST. Contains 20% azobenzene plus 10% D.D.T. Controls Red Spider, Mealy Bug, Thrip, and many other insect pests. For spot dusting. Price, 5 lbs., \$6.00; 10 lbs., \$10.00; 25 lbs., \$22.00; 50 lbs., \$42.00; 100 lbs., \$80.00.

VAPOTANE. Contains Hexaethyl Tetraphosphate. Particularly effective against Red Spider aphids and many other insects. Price ½ gal., \$7.75; gal., \$14.50.

POST-WAR FUNGICIDE

FERMATE. This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on roses, leaf spot on chrysanthemums, snapdragon rust, anthracnose of tomatoes, and brown rot of cherries. Recommended for use against all fungi and mildews. 3 lbs., \$2.85; 10 lbs., \$10.00; 25 lbs., \$18.75, shipped by express, charges collect.

Protexall Combats All Plant Pests

PROTEXALL, introduced by us last year as a one-shot spray or dust using new post-war insecticides and fungicides to combat almost all insects and plant diseases with one treatment, has been remarkably successful.

Against roses, notably plagued by pests of both descriptions, a veteran rose grower reports: "Protexall Dust on my roses has been 100 percent effective as to aphids, virtually 100 percent as to fungous diseases; then following the June blooming season when the rose midge usually appears but this year did not, I had 90 percent of the normal July bloom as compared with 10 percent which has been the rule for 10 years past."

PROTEXALL CONTAINS

D. D. T., which kills most garden insects.

ROTENONE, fatal to aphids, bean beetles, and all others which may be unharmed by D. D. T.

FERMATE, harmless to all plants, and giving complete protection from many pests which resist other materials.

SULPHUR, which deals with most troubles which fermate does not.

Protexall spray is a powder which mixes easily with water. Protexall Dust comes mixed with a spreader and is ready for instant use. It is necessary to order the form you prefer and have the equipment to use, since the spray material does not make an efficient dust, and the dust cannot be used as a spray.

PROTEXALL SPRAY, 1 oz. package retails at 35c, price per carton of 24, \$5.04; 4 oz. package retails at \$1.00, per carton of 12, \$7.20; 5 lb. package, \$9.00. 1 oz. will make approximately 4 gallons of spraying solution.

PROTEXALL DUST, 1 lb. package retails 75c, price per carton of 24 packages, \$10.80; 4 lb. package retails at \$2.00, per carton of 12, \$15.84; 50 lb. bags each, \$22.50.

D. D. T.-Yamtox

Use of DDT alone seems to have a tendency to increase the infestation of other insects that it does not control. This may be due to killing off desirable parasites, or freeing them from competition. DDT Yamtox contains the full complement of rotenone necessary for the control of red spiders and other mites, thrips and aphids. The incorporation of 5% DDT in it widens its range of use to the satisfactory control of tarnished plant bug and leaf rollers. Where the plants are easily damaged, or where it is desired to spray open flowers of mums, or to dip the entire plant, as in the case of cyclamen mite, Yamtox DDT sure fits the bill.

Yamtox is a concentration of the active principles of the Yam Bean (*Pachyrhizus erosus*). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, \$12.00; case of 6-1 gallon cans, \$11.00 per gallon.

GRAIN-O. For rooting Cuttings, Bulbs; Treating Seed. For rooting just dip basal end of cuttings or bulb in powder. Or, for bigger yield at amazing low cost, just dust Grain-O powder on all your garden and field seed. It inoculates it with hormones and vitamins; makes bigger rooted, drouth resistant plants; encourages healthier growth, increases yield. For corn, costs only ½¢ to 4¢ an acre. Packet sufficient for average garden retails 25c; 2 dozen in colorful display card, shipping weight, 1 lb. 11 oz. price \$3.60 per display; 20-in-one size, package retails \$1.50; carton of 10, \$9.00; 1 lb. size, retails \$3.95, per carton of 10, \$24.00.

Chemical Weed Killers

New Dandykill with Nitrogen

Careful tests of Dandykill, the dry, soluble form of the miracle weed killer 2,4D have developed these important facts:

1—That chemical nitrogen in the Dandykill solution will stimulate growth so grass quickly spreads to vacant spaces left by dying weeds.

2—That Dandykill at normal strength destroys many seeds of crab grass and kills small crab grass plants.

3—That Dandykill one-half recommended strength used on bent greens and lawns, kills most weeds without injuring the grass, though occasional brief discoloration may result.

Dandykill offered this year contains a concentrated form of nitrogen quickly soluble in water, in an amount which will not burn the grass leaves, but will produce immediate acceleration of growth.

Experiments show that weeds may be divided into three classes, according to their resistance to Dandykill.

CLASS 1—WEEDS EASY TO KILL

The following weeds succumb to Dandykill solution of one-half recommended strength, safe to use on bent grasses and clover.

Buttercup, Cinquefoil, Cress, Dandelion, Dichondra, Dock, Fleabane, Gill-Over-The-Ground, Heall-All, Knotweed, Lamb's Quarters, Lespedeza, Lippia, Moneywort, Milk Thistle, Mustards, Wild Onion, Pennyworts, Plantains, Purslane, Prickly Lettuce, Shepherd's Purse, Sow Thistle, Speedwell, Strawberry, Veronica.

CLASS 2—RESISTANT WEEDS

The following weeds require one-third more Dandykill to make a given quantity of solution, than is recommended for standard use:

Canada Thistle, Field Bindweed, Goldenrod, Hoary Cress, Horse Nettle, Leafy Spurge, Milkweed.

Except in dealing with the weeds specified above, the standard recommended strength of Dandykill should be used on lawns, according to the directions which come with the material.

DANDYKILL WITH NITROGEN

Size	Treats	Retails	Per Doz.
2 oz.	800 sq. ft.	\$ 0.50	\$ 3.60
6 oz.	2,500 sq. ft.	1.00	7.20
24 oz.	10,000 sq. ft.	3.00	21.60
6 lbs.	One acre	10.00	72.00

CONCENTRATED DANDYKILL

For use on large areas, Dandykill is offered in a special concentrated form, 70 percent 2,4D, without nitrogen saves shipping costs when quantities are used. Shipped F. O. B. Chicago or New York.

Size	Area Treated	Retail Price	Dealer's Price
10 lbs.	4 acres	\$ 22.00	\$17.50
50 lbs.	20 acres	105.00	84.00

TO KILL WOODY PEST-PLANTS

IVY-KILL is a special form of 2,4D, that is offered for use on trees, shrubs and plants with hard-to-wet, waxy foliage, including poison ivy, poison oak, poison hemlock, sumac, birch, choke-cherry, wild rose, thorny briar.

Size	Area Treated	Prepaid Price
4 oz.	1,400 sq. ft.	\$0.80
1 pt.	1/8 acre	2.00
1 qt.	1/4 acre	3.50
1 gal.	1 acre, \$12.00, by exp. collect.	

DUPONT AMMATE WEED KILLER

(Ammonium Sulfamate). A non-poisonous weed killer which can be applied by hand or power sprayer or can be applied dry. Will kill poison ivy, poison oak, poison sumac, dandelions and plantain. Use 3/4 to 1 lb. to a gallon of water. Price, 2 lb. bottle, 75c; 6 lb. jar, \$1.80; 50 lb. drum, \$12.00.

HERBICIDE

THE WEED EXTERMINATOR

For Paths, Cobble
Gutters, Drives,
Tennis Courts etc.



For ordinary grass and weeds, each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Livestock should be kept off the treated ground until the dead leaves wither away. Qt., 75c; gal., \$1.50; 5 gals., \$6.00; 10 gals., \$10.00; 55 gals., \$55.00.



GETZUM WEEDGUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, each, \$1.75; 12 for \$14.00. Killer Kemical, pint, each, 30c; carton of 12, \$2.40.

It kills the plant under ground as well as above ground. Does not irritate skin and does not corrode metal or spray equipment. Will not leave residue on plants that is hazardous to livestock or pets. Does not sterilize the soil. Mix one part to sixty parts of water. Will kill Poison Ivy, Bindweed (Morning Glory), Ragweed, Burdock, Dandelion, Plantain, etc. Price per quart, \$2.50; gallon, \$7.50; 5 gals., \$30.00; 54 gals., \$270.00.

WEEDONE

TRADE MARK

Hormones

PLANT STIM. This is a complete Hormone, including necessary vitamins for treating of transplants of all kinds. Besides containing root forming Hormones and Vitamin B1 and other members of the Vitamin B1 complex which are important in plant growth, it has fungicidal value. Stimulates quick growth of transplants and prevents wilt. 3 oz. retails for 50c, per case of 24, \$7.20; price 1 lb., \$2.00; 5 lbs., \$7.50.



An improved rooting compound containing several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that checks fungi that rot cuttings. A small amount of dust will coat each cutting evenly, making a pound go further. 3/4 oz. retails at 50c; per case of 24, \$7.20; 2 oz. retails at \$1.00; per case of 12, \$7.20; 1 lb., \$5.00.

SEED-LESS-SET (New Concentrate)

HORMONE SPRAY

A new scientific development insures "set" of first tomato flowers which usually fall off during early spring; eliminates seeds; causes weeks earlier ripening; increases yield and size of fruit; pollinates self-sterile plants. 1/2 oz. makes 1 gal. each, \$1.00; per doz., \$7.20. 2 oz. makes 4 gal. each, \$2.50; per doz., \$18.00. 8 oz. makes 16 gals. each, \$7.50; six for \$30.00. 20 oz. makes 40 gals. each, \$12.50.



A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/4-oz. pkt., 25c; doz., \$2.00; 2-oz. jar, enough to treat 3,000 cuttings, \$1.00; doz., \$8.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet, all postpaid.



Rootone No. 10. For slow to root evergreen cuttings. 2 oz., each, \$2.00; 1 lb., each, \$10.00.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1/2-oz. pkt., each, 25c; doz., \$2.00; 3 oz., \$1.00; doz., \$8.00; 1 lb., \$4.00.

Fruitone. The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, \$2.00, retails at 25c per pkt.; 2 oz. (makes 25 gal. spray); \$1.00; doz., \$8.00; 1/2 lb., \$1.50.

Write for price on larger quantities.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

No. 1 Powder 1 1/4-oz. tin, each, 50c; 1 lb., \$3.00.
No. 2 Powder 1 1/4-oz. tin, each, 75c; 1 lb., \$4.50.
No. 3 Powder 1-oz. tin, each, \$1.00; 1/2 lb., \$4.50.

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ACME EMO-NIK. A combination spray of nicotine and summer oil emulsion for aphids scale, thrip, mealy bug, etc. 4½ oz., 37c; doz., \$2.80; pint, 70c; doz., \$5.60; gal., \$2.75.

ACME SCIENTIFIC ROSE SPRAY. For roses, flowers and shrubs of all kinds. Consists of three elements for controlling sucking and chewing insects, black spot and other fungus diseases. No. 3 kit will make 12 qts. Each, 95c; doz., \$6.84. No. 6 kit will make 24 qts. Each, \$1.50; six, \$5.40.

ACME KOPPER QUEEN. A strong liquid copper spray for control of mildew, leaf rot and black spot on roses, flowers and plants. 8 oz., 35c; doz., \$2.80; qt., 95c; gal., \$2.25.

APHINE. Pt., 80c; 1 qt., \$1.25; 1 gal., \$3.25.

ARASAN. 4 lbs., \$5.16; 25 lbs., \$30.00; 100 lbs., \$115.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 45c; doz., \$3.90; case of 24, \$7.56; 4-lb. bag, \$1.10; 48 lbs., \$12.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. 2 lbs., 50c; doz., \$4.20.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 40c; doz., \$3.20; 4 lbs., 95c; case of 24 lbs., \$4.50.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; doz., \$4.20.

COPPER SULPHATE. Crystals. 10 lbs., \$2.25; 25 lbs., \$4.50; 100 lbs., \$13.00.

CORROSIVE SUBLIMATE. Mercuric Chloride. Price 1 lb., \$2.95; 5 lbs., \$13.00. (1 lb. to 96 gals. water).

CUPRINOL. A special grade for dipping of flats and stakes. 5 gal. drum, \$9.25; 50 gal. drum, \$87.50.

CUPRINOL WOOD PRESERVATIVE. Stops rot around the greenhouse. One gallon covers and preserves approximately 400 sq. ft. of wood. Per gallon, \$2.90; 5 gals. for \$14.00; 50 gal. drum, \$135.00.

CUPROCID. Yellow. An effective fungicide spray. Price 4½ lb. bag, \$2.70.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other rodents. 1 lb., doz., \$6.00; 5 lbs., each, \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00; 4-oz. tins for ants, doz., \$2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet; freight prepaid on 100-lb. lots.

D. N. SULPHUR DUST No. 10. A new and very effective control for red spider, thrips, and rust diseases on carnations. 10-lb. bag, \$3.50; case of 5 bags, 50 lbs., for \$12.50.

D. N. DUST No. 12. For control of red spider, mite and thrips on roses, calla lilies, snapdragons, gardenias and carnations. The active element in D. N. Dust No. 12 is a dinitro compound effective in all stages of mite development. Should be used before blooming period. Per 10-lb. bag, \$4.50; case of 5 10-lb. bags, \$20.00.

DOWFUME G. New rapid setting soil fumigant. Especially toxic to Nematodes, eel worms, soil insects, millipedes, centipedes, pill bugs, etc. Permits replanting in 2 to 4 days. No waiting for root galls to decay. Permits one bench fumigation. Not injurious to nearby plants. Easily and economically applied. Water seal is only covering needed. 10 gal. drum, weight 113 lbs., 25c per lb.; 55 gal. drum, weight 597 lbs., 20c per lb.; 55 gal. drum charge \$6.00. Returnable for credit.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in ¾-lb. cans, 9 to a case. Each, \$2.50; per case, \$20.25.

DX PYRETHRUM. Scientific Pyrethrum Spray. Per gallon, \$10.75.

D.X. PYRETHRUM-ROTENONE DDT SPRAY. A concentrated plant spray containing Rotenone-Pyrethrum-DDT in an active glyceride base. Controls sucking and chewing insects. Price 1½ oz. packed 24 to case, \$4.80 per case; 8 oz. packed 24 to a case, price per case, \$18.48; quarts packed 12 to case, per case \$31.80; gallon each, \$10.00; 5 gallons each, \$42.50.

DOWFUME G APPLICATORS. Highly satisfactory hand applicators. Adjustable for varied dosages. Will give years of service. Two types—No. 45-F, height 28 in., each, \$20.00; Type 45-AF, height 42 in., price \$20.00.

EVERCIDE SPRAY. Contains 17% D.D.T. Price gal., \$6.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect bark. Lb., 40c; doz., \$3.50; 7½ lbs., \$2.45.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.45; 2 bags for \$4.50.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. 1 lb., 85c; 5 lbs., \$2.50; 25 lbs., \$10.00; 50 lbs., \$17.50.

FORMALDEHYDE LIQUID 40%. An economical fumigant and disinfectant. Price gal., \$2.90.

FUME TOBAC. Fumigating Powder. 25-lb. drum, \$5.00; 50-lb. drum, \$8.75; 100-lb. drum, \$16.25.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pt., 75c; qt., \$1.25; gal., \$3.25.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50.

GRASSLI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Pt., 90c; gal., \$6.25; 5 gals., \$29.50.

L 333. ROTENONE PLANT SPRAY. Gal., \$10.75; 5 gals. for \$48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 35c; pt., 60c; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pt., \$2.00; gal., \$11.00.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Per lb. can, \$1.15; 10-lb. cylinder, \$7.75. Write for price on larger cylinders.

NAPHTHOLENE. Price 10 lbs., \$2.10; 25 lbs., \$4.95; 100 lbs., \$15.45.

NEW IMPROVED CERESAN. 1-lb. can, 80c; 4 lbs., \$2.70; 40 lbs., \$26.40; 100 lbs., \$61.05.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Lb., \$2.60; 2 lbs., \$3.45; 8 lbs., \$11.95; 40 lbs., \$49.50.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. ½-lb. cans, 50c; six for \$2.80; doz., \$4.60; 1-lb. cans, 80c; six for \$4.25; doz., \$7.95. Orders for 36 1-lb. cans or 60 ½-lb. cans, prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

NO-PY-RO. The new synthetic insecticide for controlling aphids, mealy bug, green and white fly, etc. Per quart, \$3.00; gal., \$10.00; 5 gals., \$45.00.

No. 10 REFINED ROSE SPECIAL. For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Per gal., \$10.00; 5 gals., \$45.00.

PARIS GREEN. For chewing insects on potatoes and certain other hardy plants. Kills quickest. ¼-lb. carton, 25c; doz., \$2.00; 1 lb., 60c; 5 lbs., \$2.50; 25 lbs., \$10.75.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

PINE TAR. For tree surgery. Qt., 75c; gal., \$1.50.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 55c; doz., \$4.40; 5 lbs., \$1.85; 25 lbs., \$8.50.

INSECTICIDE—Continued

POMO GREEN. With nicotine. Lb., 80c; doz., \$6.40; 5 lbs., \$3.30.
PYRETHRUM POWDER. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.25; 25 lbs., \$14.75. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, \$2.75.

SELOCIDE. For the control of Red Spider. Price gal., \$3.00.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. 4 lbs., 60c; 6 for \$3.00; 100 lbs., \$8.75.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. $\frac{1}{8}$ oz. pkg., doz., 96c; 2 oz., 45c; doz., \$3.60; 12 oz., \$2.10; 4 lbs., \$10.10; 25 lbs., \$58.28; 100 lbs., \$219.80. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. 1 lb., 35c; doz., \$2.80; $2\frac{1}{2}$ -lb. pkg., 75c; doz., \$6.00; 10 lbs., \$1.85; 50 lbs., \$6.75.

SPECIAL SEMESAN. Control for brown patch, dollar spot, etc. in bent lawns. 5 oz. doz., \$5.60; 4 lbs., \$6.92; 25 lbs., \$39.96; 100 lbs., \$149.85.

SPECIAL RED ARROW. A pyrethrum spray for controlling leaf rollers and leaf tyers especially. Per quart, \$4.35; gallon, \$14.50.

SPERGON SEED PROTECTANT. 1 oz., 25c; doz., \$2.00; 1 lb., \$2.25; 10 lbs., \$18.50; 100 lbs., \$153.00.

SPERGON WETTABLE GRADE. 10 lb. drum, \$9.25; 50 lbs., \$43.75; 100 lbs., \$76.50.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 40c; doz., \$3.00; 10 lbs., 75c; 25 lbs., \$1.35; 100 lbs., \$3.50.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. 1 lb., 90c; 5 lbs., \$4.25; 25 lbs., \$18.75; 100 lbs., \$70.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Pt., 90c; qt., \$1.50; gal., \$5.50.

TOBACCO DUST (Regular Grade). 10 lbs., 85c; 25 lbs., \$1.75; 100 lbs., \$4.50.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$10.50.

TO-NA-CIDE. Price 25 lbs., \$5.00; 50 lbs., \$8.00; 100 lbs., \$15.00.

TRIO-GEN. Fungicide, insecticide and plant stimulant. A, small kit, makes 16 qts., \$1.50. B, medium kit, makes 64 qts., \$4.00. C, large kit, makes 32 gallons, \$6.00. D, estate kit, makes 128 gallons, \$20.00.

TRITON B-1956. An efficient emulsifier and spreader for insecticides and fungicides. Goes much further than ordinary spreader. Per gal., \$9.75.

VAPOTONE INSECT SPRAY. Particularly effective against Red Spiders, Aphis, and many other insects; has been approved for use in greenhouses and on nursery stock. $\frac{1}{2}$ gal. each, \$7.75; 1 gal., \$14.50.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. Pt., 85c; qt., \$1.25; gal., \$3.25.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Pint, 50c; gal., \$2.00; 5 gals., \$6.25; 28-gal. drum, \$25.00; 54-gal. drum, \$42.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

G&O CROW REPELLENT. $\frac{1}{2}$ pt. retails for 35c; packed 24 to a carton, price per carton, \$5.60; pint retails at 55c. Price per dozen, \$4.40.

WORM-RID 666+DDT. A powder which is very effective in controlling most types of soil infesting pests, especially wire worms and symphylids. Combines for the first time the effective new English discovery Gammexane (666) and DDT. Merely mix into soil and water. Price, 1 lb., 75c; 4 lbs., \$2.00.

RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Per carton of 24 1-lb. pkgs., \$7.20. Retails for 45c, 5 lb. bag retails for \$1.75. Per carton of 6, \$7.00.



ITEMS YOU CAN SELL

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ROTOTEC WITH 5% D. D. T.

A Rotenone Garden Spray. Contains full amount of Rotenone plus 5% D. D. T. necessary for good insect control. 4 oz. bottle retails at \$1.00, price per dozen \$7.20, pint bottle retails at \$2.75, price per dozen \$18.00.

ROTOTEC SPECIAL DEAL. 24 1-oz. bottles and 2 4-oz. bottles, retails for \$10.40. Dealer's price, per deal, \$5.04.

ACME KOPPER KING. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Lb., 50c; doz., \$4.20; case of 24 pkgs., \$8.04; 4-lb. bag, each, \$1.30; per case of 12 bags, \$11.28.

ACME GARDEN GUARD SPRAY. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. 1 lb. handy shaker top carton price, 60c; doz. cartons, \$4.92; per case of 24 cartons, \$9.60; 4-lb. pkgs., per case of 12, \$12.00.

ACME RED RIVER POTATO MIX WITH D. D. T. A special formula for potatoes. 1-lb. bags, doz., \$5.16; carton of 24 bags, \$10.08; 4-lb. bags, \$1.70; six for \$8.64; carton of 12 bags, \$16.80.

ANT KILLER. Master $\frac{1}{2}$ -oz. bottles, doz., 75c; 2-oz., doz., \$2.00; 4-oz., doz., \$4.00.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$3.20. Retails at 40c per tube.

BAIT-M WITH METALDEHYDE. A double action insect bait for control of Sow Bugs, Cutworms, Grasshopper, etc. 1 lb. package, 35c; carton of 24, \$5.60; $2\frac{1}{2}$ lb. bags, 75c; carton of 12, \$6.00.

BLACK LEAF 40. Oz. bottles, doz., \$2.95; carton of 24, \$5.58; 5-oz. bottles, doz., \$8.55; 1 lb., \$2.25 ea.; 2 lbs., \$3.25 ea.; 5 lbs., \$6.10 each.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, \$2.40.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

EVERGREEN. A pyrethrum spray. Price, 1 oz., doz., \$2.80; 6 oz., doz., \$9.25; gals., each, \$12.60.

GARDEN BUG BLASTER. New revolutionary garden dust gun containing multipurpose insect and fungus dust for flowers and vegetables. Analysis: 7% copper, $\frac{3}{4}$ % Rotenone, 10% sulphur, and 2% D.D.T. This insecticide is safe to use on vine crops. Eliminates stooping; you can now do your dusting in upright position, blows dust underneath foliage. Retails at \$1.98 each, complete with duster and 2 pounds of above formula. Price per carton of 24, \$29.76.

BUG BLASTER REFILL. 2-pound package retails at \$1.29 each. Price per carton of 12, \$9.72.

McCORMICKS RED ARROW. Rotenone dust. 2 lb. pkg., 60c; carton of 12 pkgs., \$4.50.

NICOTINE PYROX. 20-oz. jars. Doz., \$5.40; carton of 24, \$9.66; 5 lbs., \$2.00; case of 8, \$12.60; 25-lb. drum, \$6.50; 50-lb. drum, \$11.75.

OPTOX. A well balanced Rotenone-Pyrethrum spray. 1 oz. bottles retail at 35c each; per dozen, \$2.70; 6 oz. retails \$1.00 each; per dozen, \$8.00. Quarts each \$3.70; gallon each, \$12.00; 5 gallons, \$52.50; 30 gallons, \$255.00; 55 gallons, \$462.00.

PESTROY 10% DDT INSECT POWDER for Household Use. Can be applied to plumbing pipes, drains, doorways, baseboards, radiators, closets, cupboards, basements and garbage cans. Can be used on dogs, but must not be used on cats. Kills flies, ants, mosquitoes, roaches, ticks, crickets, moths, bedbugs, wasps, silver fish, gnats, lice, beetles, etc. Put up in finger-flick press cap container, 3 oz. package retails 39c each, per dozen \$3.00; price per carton of 48, \$11.24; 8 oz. pump gun, retails 69c each, per dozen, \$5.20; per carton of 24, \$9.94.

PYROX. Combination insecticide and fungicide. 25 lbs., \$6.00; 50 lbs., \$9.00.

ANTU RAT PASTE (5% Antu). 2 oz. cannister retails 35c; price per dozen, \$2.52; 4 oz. tube retails \$1.00; price per dozen, \$7.20.

RATU (25% Antu). 2 oz. cannister retails 60c, price per dozen \$4.32.

RED ARROW GARDEN SPRAY ROTENONE. 1-oz. bottles, carton of 24, \$5.40; 4-oz. bottles, doz., \$8.00; pint, \$2.50; qt., \$3.60; gal., \$12.25; 5 gals., \$57.50.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$3.25; 5-lb. pkgs., 12 for \$13.68; 25-lb. bag, \$5.50; 50-lb. bag, \$11.00.

TREE TANGLEFOOT. 6-oz., case of 24 cans, \$7.20; 1-lb. cans, per doz., \$7.60; per case of 24, \$14.40; 5-lb. can, \$2.95; case of 6, \$16.87; 10 lbs., \$5.50 each; case of 4 cans, \$21.00; 25 lbs., \$12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 42c each. Per doz., \$3.24.

Dusts and Pump Guns



ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retail 65c each. Price, per doz., \$4.92; carton of 24 pkgs., \$9.60.



ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retail 75c ea. Price, per doz., \$6.12. Carton of 24 pkgs., \$12.00.

KALITE ROTENONE BUG DUSTER.

This practical, efficient duster bag contains a pound of impregnated Rothenone Dust $\frac{3}{4}\%$. A practical package for dusting Victory Gardens. Price per carton of 24 1 lb. packages, \$6.00; 4 lb. bags, 12 to a carton, \$9.60 per carton; 25 lb. bags, \$4.50 each.



All Forms of D. D. T.

D. D. T. 50% WETTABLE DUST. For diluting in water for spraying, or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. Three pounds to 100 gallons of water makes effective and safe spray for cattle, horses, hogs and other farm animals, or residual spray for walls of barns, stables, hog or poultry houses and milk sheds. 8 oz., retail \$1.00 per doz., \$8.00; 1 lb. retail \$1.35, per doz., \$9.00; 4 lb. bag, \$2.25; 48 lbs., \$24.00.

D. D. T. 30% LIQUID SPRAY. D. D. T. in emulsion form has given results on some insects superior to those from wettable powders. This is safe to use on garden and greenhouse plants, also for spraying barns and other buildings to control flies. Eight ounces will make 25 gallons of garden spray. Price per gal., \$9.00.

D. D. T. HOUSEHOLD SPRAY. An oil spray for lasting control of pests. For spraying or brushing on screens and porch walls, and general household use according to directions. Kills bedbugs, flies, mosquitoes, moths, ants, silverfish and many others. Do not use on plants or animals. Pints per doz., \$3.60; qts. per doz., \$4.80; gals. per carton of 4-1 gals., \$4.80.

D. D. T. 5% DUST. A ready-mixed garden dust of D. D. T. combined with a fine, light-weight filler, safe to use on all plants in gardens and greenhouses, also on livestock, dogs, pet animals (except cats) and poultry. Its extra strength assures maximum pest control. 1 lb. retail, 35c; per doz., \$2.80; per carton of 24, \$5.40; 25 lbs., \$3.25; 50 lbs., \$6.00; 5 lb. pkg., retail, \$1.25; per doz., \$10.00.

D. D. T. AEROSOL BOMB. When released from the bomb in five to seven seconds, non-poisonous Freon gas impregnated with 3% D. D. T. and 2% pyrethrum, both deadly to insects, completely fills a room, killing insect life and leaving a deadly deposit which will protect from pests for weeks. Moths, mosquitoes, roaches, flies and other household pests are exterminated. Safe to use and harmless to clothing and furniture. One bomb will last the average household months. Aerosol bomb, contents 16 oz., retail, \$3.00; six for \$13.50; per carton of 12, \$24.00.



DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. 3-oz. size, 50c; display carton of 12, \$3.60; 3-oz. size, 60c; display carton of 12, \$4.32; 8-oz. size, \$1.00; display carton of 12, \$7.20.

ANT-"X" JELLY BAIT. Tubes, garden size, 35c; display carton of 12 tubes, \$2.52.

ANT-"X" TRAPS. Death box. 300 grain size for grease and sweet eating ants, each, 25c; display box of 12 traps, \$1.80.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size, 50 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

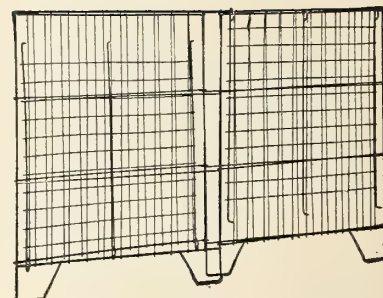
MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size, 50 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., \$2.52; estate size contents, 50 Nots, \$1.00; doz., \$7.80; jumbo size contents, 125 Nots, \$2.00; doz., \$14.40; gardener size contents, 400 Nots, \$5.00; doz., \$36.00.

5% discount on orders of six display cartons of the above.

FOLDAWAY INCINERATOR.

All welded construction, painted green enamel. Ideal for burning leaves, paper, etc. Folds away flat. Height $24\frac{1}{2}$ inches, depth $18\frac{1}{2}$ inches, width $18\frac{1}{2}$ inches. There are four sides, plus top and bottom, to insure that material burned in this incinerator cannot be carried away by the wind, to constitute a fire hazard. When folded flat, the entire incinerator measures $37 \times 24 \times 1\frac{1}{4}$ inches and can be stored in small space until needed again. Price each, \$2.35; doz., \$18.80.



MILL CREPE DUPLEX TREE WRAP

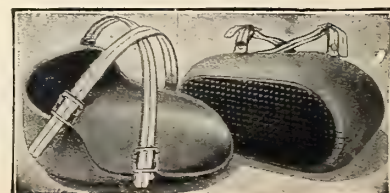
For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120

ft. to a roll. Weight about 2 lbs. Each, 50c; 10 rolls for \$4.50; 25 to 49 rolls at 43c roll.



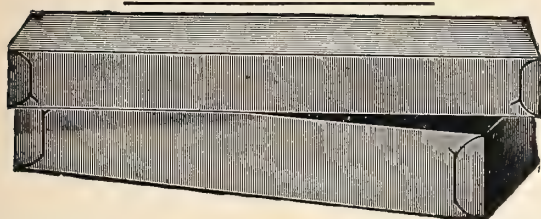
KNEE PADS

All rubber cushion pads constructed of solid and spongerubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.75; 3 for \$4.95.



Supplies for the Florist Shop

CUT FLOWER BOXES



WHITE—Full Telescope patent coated.

24x5x3 1/2.....	\$ 8.50 per 100
30x5x3 1/2.....	8.85 per 100
28x8x5.....	13.95 per 100

CORSAGE BOXES

9x5x4.....	\$6.85 per 100	12x5x4.....	\$7.25 per 100
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Owing to the uncertainty of the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

FLORAL DESIGN BOX—MIST GRAY

Full Telescope. 36x14x8. Price per bundle of 25.....\$8.45

PAPER—TISSUE, WAX

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), \$3.00; 10 reams (4,800 sheets), \$28.50; F. O. B. New York, ream (480 sheets), \$3.15; 10 reams (4,800 sheets), \$30.00.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$3.50; F. O. B. New York, 480 sheets, \$3.60.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$3.75; F. O. B. New York, 480 sheets, \$3.85.

Green Wax Tissue Rolls 3". Handy wax tissue for all types of wire designs. Prices per box of 12 rolls, \$2.50.



Waterproof Crepe Paper. In green, pink, lavender, yellow, purple; per roll, 35c.

Scotch Cellulose Tape Trans-parent 1/2 wide x 2592 inches, price per roll, \$1.08; 12 rolls at 98c per roll; 48 rolls per roll, 87c.

SCOTCH CELLULOSE TAPE DISPENSER. Desk size, each, \$1.40; heavy duty, each, \$1.95; weight, 8 lbs.

TWINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack, \$4.45.

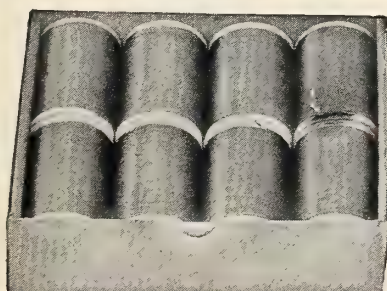
Write for prices on larger quantities.

Florists' Thread, Green. Best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, \$1.75; 10 boxes for \$16.50.

Green Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, \$1.35. 5 boxes at \$1.25 per box.

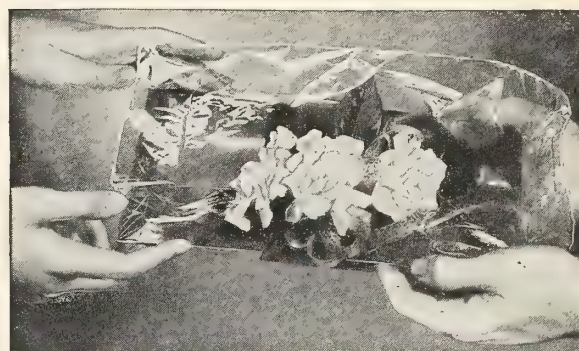
Green Twine. 2 lbs., per cone, \$2.50; 3 cones for \$7.25.

Colored Scotch Cellulose Tape 1/2 inch wide x 2592 inches. Per roll, \$1.20; 6 rolls, per roll \$1.08. Available in the following colors: Red, Blue, Green, Orange, Yellow, White and Silver.



Florist-Foil. Colored aluminum foil used for pot covers, etc. Rolls, 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, \$1.25; 10 rolls for \$11.00.

Polka Dot Embossed Florist Foil. In all colors. Rolls 20 inches wide, 50 feet long, each \$1.25, 10 rolls \$12.00.



CELLOPHANE BAGS

Most popular sizes for corsage use No. 300 moisture proof and regular square top.	Packing per Carton	Weight	Price per 1,000
4" x 2 3/4" x 9".....	1000.....	10 Lbs.....	\$ 9.50
5 1/2" x 3 1/4" x 12".....	1000.....	16 Lbs.....	16.50
5" x 5" x 14 3/4".....	1000.....	22 Lbs.....	24.50

We do not break cartons.

PIN FLOWER HOLDERS

Solid brass needle pointed nails.

Closely cast in heavy lead alloy base. Guaranteed not to rust.

Sprayed with aluminum metallic paint.

Shapes round and oblong.

No. 100 round 1 1/16 in. dia., doz.....\$1.45

No. 100A square 1 1/4 in. dia., doz.....\$1.50

No. 101 round, 1 5/8 in. dia., doz.....\$1.75

No. 102 round, 2 1/16 in. dia., doz.....\$3.60

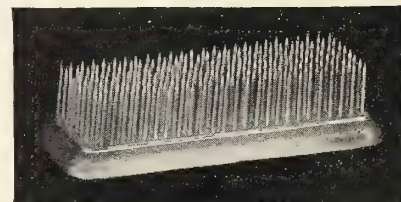
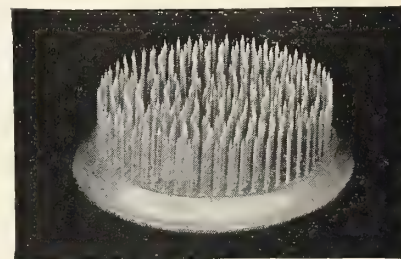
No. 104 round, 3 1/16 in. dia., doz.....\$5.40

No. 107A round, 4 in. dia., doz.....\$8.40

No. 200 oblong, 3 3/8 x 1 3/16 in., doz.....\$3.30

No. 201 oblong, 4 x 1 1/2 in., doz.....\$4.85

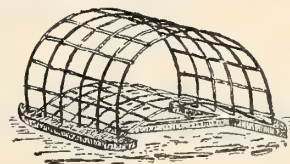
No. 202 oblong, 5 1/4 x 1 3/4 in., doz.....\$7.20



PERFECTION FLOWER ARRANGERS

All numbers packed in boxes of one dozen.

	Retail	Per doz.
Size #1, 3 1/2 x 2 1/2 x 2 in. 75c...		\$4.50
Size #2, 3 1/2 x 3 x 3 in. 85c...		5.15
Size #3, 2 1/2 x 2 1/2 x 2 in. 50c...		3.50
Size #4, (for Sweet Peas, etc., 1/4" mesh). 2 1/2 x 2 1/2 x 2 in. 50c...		3.50



UNWIRED PICKS.

4-inch Green.....	Box of 4,000	\$2.25
6-inch Green.....	Box of 3,000	2.25

**WIRE.** (Prices subject to change).
Florist Wire on 12-lb. coils.

No. 18.....	\$1.65
No. 20.....	1.95
No. 22.....	2.20
No. 24.....	2.50
No. 26.....	2.95
No. 28.....	3.65

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price.....	\$1.75	\$1.95	\$2.10	\$2.25	\$2.70	\$3.15



GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, 100-lb. coil, \$10.95. No. 18, 100-lb. coil, \$11.95.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 75c; 10 boxes for \$7.00

Prices Subject to Change Without Notice.



FERN PIN. New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$3.00.



HYACINTH STAKES. Wood painted green. Price, 12 inch, per 1,000, \$2.75; 6,000 for \$15.35; 18 inch, per 1,000 \$3.25; 6,000 for \$17.85.

CARNATION PACK. Your carnations deserve proper packing. Price 1,000, \$22.50; 5,000 for \$102.50; 10,000 for \$190.00; 50,000 for \$887.50. Sold only in original cartons of a full 1,000. Printing one color \$3.00 per 1,000 extra. 10,000 or more printed one color free.

**WIRED PICKS.**

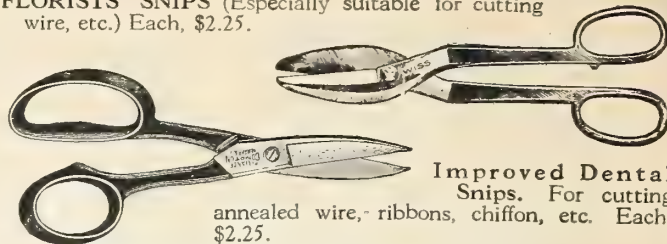
2½-inch Plain.....	Box of 10,000	\$3.95
3 -inch Green.....	Box of 8,000	5.45
4 -in. Green.....	Box of 4,500	4.95
6 -in. Green.....	Box of 3,000	4.95

MALINS EXTRA SOFT FLORAL BINDING WIRE.

These sticks fit the hand. Handy for tying sprays, bunting, wreaths, etc. Put up in boxes of 20-¼ lb. sticks, total weight per box 5 lbs. #22, \$1.95 per box; #24, \$2.50 per box; #26, \$2.65 per box; #28, \$3.45 per box; #32, \$3.75 per box and #36, \$5.60 per box.



FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, \$2.25.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, \$2.25.

FLORIST CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection. Packed in packages of 25 of one style.

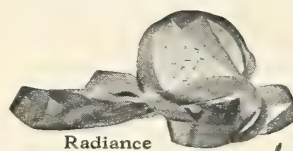
CARDS WITHOUT CABINET.

250 assorted at.....	\$1.35	1000 assorted at.....	\$3.50
500 " ".....	1.95	2000 " ".....	6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 65c, 500 for \$1.25, 1,000 for \$2.25.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

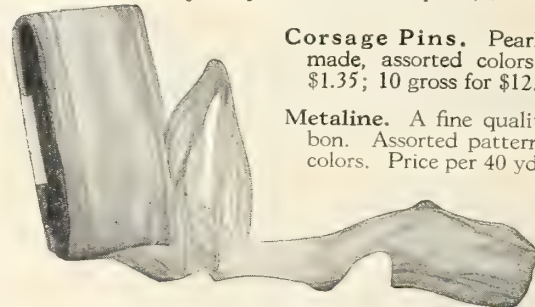
Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, \$1.45. Box of 20 spools at \$1.35 spool.

Pot Tie Ribbon. A good grade of ribbon which can be used around pots, small corsages, etc. No. 5, 50 yard bolts in all popular shades. Price per 50 yard bolt, \$1.60; 20 bolt lots at \$1.50 per bolt.

White Shower Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, \$1.95; 10 spools for \$8.75.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, \$1.15, doz., \$12.60.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, \$1.35; doz. spools, \$13.80.



Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, \$1.35; 10 gross for \$12.50.

Metaline. A fine quality spray ribbon. Assorted patterns in popular colors. Price per 40 yd. bolt, \$2.75.

Plastic Pot Tie Ribbon. 100 yard bolts in following shades: light green, red, pink, yellow, white and lavender. Price per bolt, \$1.45.

Letters, Figures and Clock Dials

CLOCK DIALS. Made of finest felt. Colors: Purple and White and White and Purple. Price, 4 inch, ea., 30c; doz., \$3.00; 7 inch, ea., 50c; doz., \$5.40.



GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 15c; per 100 words, \$1.40; per 1,000 words, \$12.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, \$1.95.

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

Labels for Plants, Pots and Gardens

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure $3\frac{3}{4} \times \frac{3}{4}$ inch. Price per 100, \$1.85.

COPPER LABELS. Wired, indestructible. Per 100, \$1.95, larger size, per 100, \$2.60.

EVERLASTING ZINC LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 90c; 500 for \$4.00.



LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, $\frac{5}{8}$ inch wide.

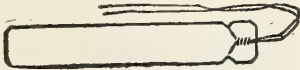
When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$2.15	\$2.60
5-inch.....	1000	2.45	2.90
6-inch.....	1000	2.70	3.45
8-inch.....	500	4.20	5.00
10-inch.....	500	5.30	6.25

GARDEN STAKES

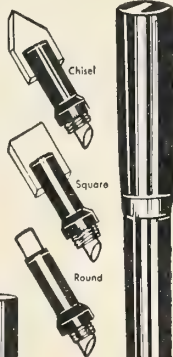
8-inch— $\frac{3}{8}$ inch wide.....	250	6.75	7.85
10-inch— $\frac{3}{8}$ inch wide.....	250	7.85	8.95
12-inch— $\frac{1}{2}$ inches wide.....	1000	10.50	12.75

LABELS (Tree). Wooden, $3\frac{1}{2}$ in. wired. Per 1000, plain, \$2.75; 5,000 to 9,000, per 1,000, \$2.70 painted, per 1,000, \$3.25; 5,000 to 9,000, per 1,000, \$3.20.



WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 90c.

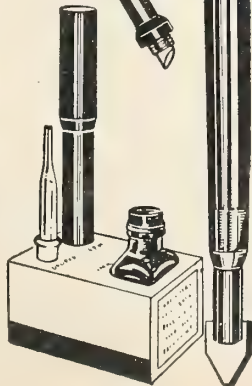
SPEEDRY BRUSH PEN. This is the new amazing brush pen. Will write or mark on porous surfaces. It can be used on wood, leather, textiles, cardboard, paper, glass, tin and cellophane. The ink dries instantly and does not smear. When ordering specify type of nib; chisel, square or round. Price each with bottle of instant drying ink \$1.85. Per dozen, \$16.00. Extra nob's at 35c each; dozen, \$2.80. Speedry Ink price, per 4 oz. bottle, 80c; 16 oz. bottle, \$2.60; 32 oz. bottle, \$4.50.



No. 31 SIMPLEX. Green Weather-Proof Plant Labels. Price includes copper wires for attaching, steel stylus for marking. No. 31, size, $3 \times \frac{1}{2}$ inch, per doz., 40c; per 100, \$2.50.



SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $\frac{1}{8}$ to $\frac{1}{2}$ inch. Each, \$1.75.

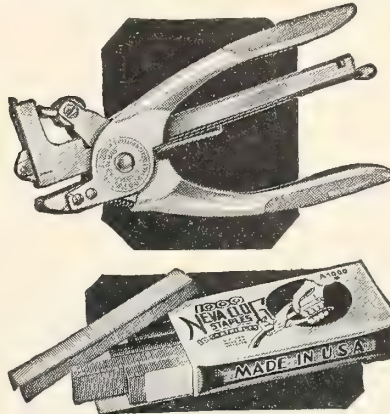


NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers.

Florists' Model S100.

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has $\frac{3}{8}$ -inch jaw and uses $\frac{1}{4}$ -inch and $\frac{3}{32}$ -inch staples as listed elsewhere on this page. Price, each, \$5.25.



STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, $\frac{1}{16}$ -inch crown, 1000 to a box.

A—1000 $\frac{1}{4}$ -inch legs. Per 1000, 35c
L—1000 $\frac{3}{32}$ -inch legs. Per 1000, 35c
10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c

PLANT MAGIC VITAMIN B-1 TABLETS

Vitamin B-1 Tablets, the famous Plant Magic brand, containing extra growth-substances. The proved transplanting aid. Also for flower-plant feeding and for fortifying vitamin-deficient soils. Garden magazine articles report amazing results. Each tablet makes 2 to 7 gal. Packet Retail, 25c; doz. pkt., \$1.80. 100 tablet bottle, 50c; doz. bottles, \$3.60.



WOOD EASELS

Strong, well made, finished in white.

Height	Ea.
36 inch.....	\$0.65
42 inch.....	.70
48 inch.....	.90
54 inch.....	1.00
60 inch.....	1.10
66 inch.....	1.20

RUBBER APRONS.

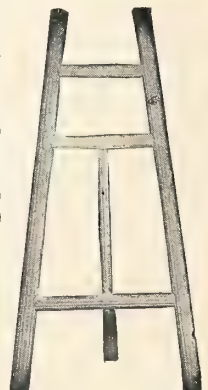
Black Lightweight. Each, \$2.95.

TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

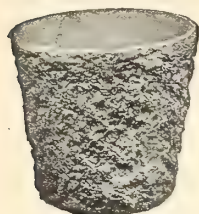
We can supply "Sunny Jim," with seed, per doz., \$3.00, packed 24 to a carton at \$5.80 per carton. Retail at 40c each.

We can also supply the larger heads. "Bud-dy" with seed at doz., \$3.85; per carton of 24, \$7.20. Retail at 50c.



Jardiers, Vases and Tubs—Thermometers

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.



JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery—Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 3.....	4 1/4 in.	100	\$ 6.50
No. 4.....	5 1/4 in.	100	8.50
No. 5.....	6 1/4 in.	80	10.50
No. 6.....	7 1/4 in.	50	13.50
No. 7.....	8 1/4 in.	35	21.50

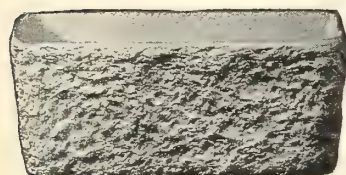
(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4 1/2 inches high. \$21.00 per 100, packed 50 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4 1/2 in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4 3/4 in.	3 1/2 in.	10 in.	\$ 6.95
255	6 1/2 in.	5 1/4 in.	12 in.	8.65
257	6 1/2 in.	5 1/4 in.	15 in.	9.65
57	5 in.	3 1/2 in.	5 in.	5.90
59	6 1/2 in.	5 1/4 in.	7 in.	7.45
65	7 1/2 in.	6 1/4 in.	8 in.	8.30
66	9 in.	7 1/2 in.	10 in.	10.35
67	9 in.	7 1/2 in.	12 1/2 in.	12.25
68	9 in.	7 1/2 in.	15 1/2 in.	13.50
68B	9 in.	7 1/2 in.	18 in.	14.20
69	9 in.	7 1/2 in.	24 in.	17.50
70	9 in.	7 1/2 in.		



Galv. Vase

Price Subject to Change.

FLOWER TUBS "Richmond Style". These are made of finest fir lumber, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Prices F. O. B. Chicago. Prices subject to change without notice.



Inside top Diameter	Depth Inside	Price Each	Four for
7 in.....	6 in.	\$0.95	\$ 3.60
8 in.....	8 in.	1.10	4.20
10 in.....	9 in.	1.40	5.40
12 in.....	11 in.	1.75	6.60
14 in.....	13 in.	2.15	8.20
16 in.....	15 in.	2.65	10.20

In lots of 12 tubs less 5%.

THERMOMETERS. TinCase.

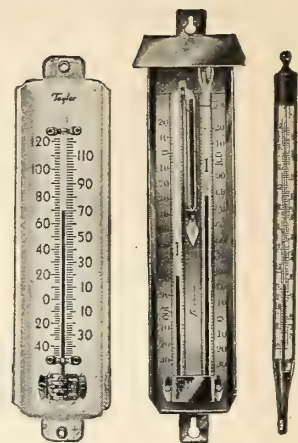
Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$2.75; 3 for \$7.50; doz., \$28.80.

Self Registering Tycos. No.

5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, \$10.00.

Taylor Utility Thermometer.

White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, about 8 inches.



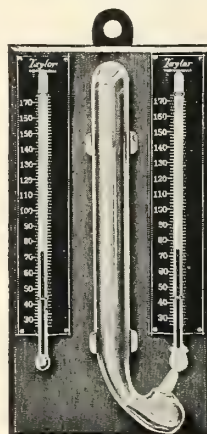
Taylor

Self Registering

Hotbed

Each, \$1.25; three for \$3.50; doz., \$13.60.

Hotbed (Mushrooms). All glass heavy plain, each, \$1.35; 3 for \$3.75.



No. 5532-S HUMIDIGUIDE

Permcolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, \$5.50. Wicks for Humidiguide, per dozen, \$1.50.

Standard Recording Thermometer No.

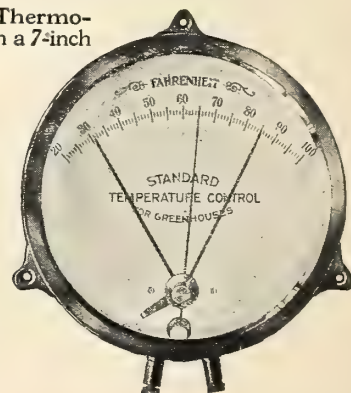
200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$60.00.

Standard Greenhouse Thermo-

stat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$22.00. Shipping weight, 4 lbs.

Standard Greenhouse

Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$17. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



New Handy Seeder

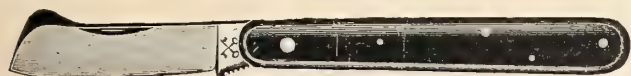
This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work

because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for \$1.45; doz., \$5.40; retails at 60c each.



FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

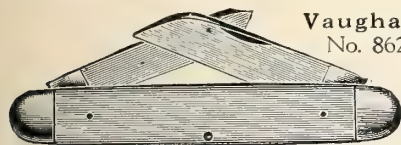


Budding, No. 5A. Black handle; brass lined. . . . \$3.00 3 for \$8.25
Budding, Beech Wood Handle. Per doz., \$4.80. . . . 50 1.25



Vaughan's Florist (Patterned after Henckel's which cannot be had.) Each \$2.25
Vaughan's Florist—3 for \$6.50. . . . \$2.25
Putty Knife—No. 120, a very good tool; 3 for \$1.25. . . . Each, .50
Pruning, Stag handle. . . . Each, 3.50
Schrades Heavy Perfect Pruning Knives No. 123EW, similar to Henckel No. 3C. . . . Each, \$3.25

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, \$3.00; doz., \$33.00.



White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$2.25; 3, \$6.25.



Handsone, Colorful Counter Displays

FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, \$1.25; 100 2-qt. size, \$5.00.



Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer!



BULK SIZES

FLORALIFE IN BULK

30-qt. size (\$1 retail) \$ 0.60
100-qt. size (\$3 retail) 1.75
250-qt. drum (10 lbs. net) 4.00
500-qt. drum (20 lbs. net) 7.50
1000-qt. drum (40 lbs. net) 13.50
2000-qt. drum (80 lbs. net) 25.00

KAY-TITE. Masonry waterproof paint. Guaranteed permanently to water-proof cement cellars, cinder and concrete walls and floors, brick, tile, stucco and every type of masonry. Applied as easily as paint. Will water-proof from the inside, outside, below or above grade. Price per 10 lb. can \$2.90; 50 lb., drum, \$11.00.



AQUELLA. The scientific mineral surface coating that waterproofs and dampproofs interior porous masonry surfaces such as concrete masonry blocks, cinder blocks, cement plaster, stucco and brick. No. 1 for interior surfaces. Price 10 lb. bag, \$3.95; 10 bags for \$37.50. No. 2 for exterior surfaces. Price 10 lb. bag, \$3.95; 10 bags for \$37.50. When ordering specify type desired.

Plant Stakes and Supports

Wood Stakes, Green Painted

Medium weight pointed.

3 ft., per 100, \$5.50; 4 ft., per 100, \$8.50; 5 ft., per 100, \$10.95.

Wood Stakes, Green Painted, Heavy Grade

4 ft., per 100, \$10.95; 5 ft., per 100, \$12.95; 6 ft., per 100, \$15.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago	Per 1000	Per Bale of 2000	F. O. B. New York	Per 1000
1½ feet.	\$1.00	\$5.45	\$10.90	\$1.00	\$5.45
2 feet.	1.20	7.25	12.90	1.20	7.35
2½ feet.	1.35	8.75	16.80	1.35	8.75
Natural. 6 ft.	2.50	18.95	2.50	2.50	18.95
3 feet.	1.65	9.75	18.90	1.65	9.75
3½ feet.	2.00	11.75	23.00	2.00	11.75
4 feet.	2.25	12.75	23.90	2.25	12.75

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

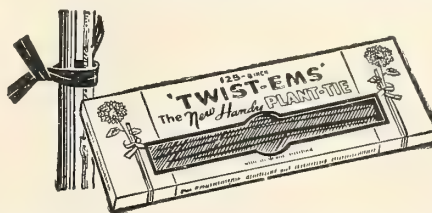
Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ¾ inch.	\$8.00	\$8.25
4 ft.	¾ to 1 inch.	8.50	8.75
5 ft.	¾ to 1 inch.	9.50	9.00
6 ft.	¾ to 1 inch.	10.50	10.00
7 ft.	¾ to 1 inch.	12.50	12.00

Galvanized Wire Stakes Made of No. 8 Wire

	Per 100	Per 1000
4 ft.	\$2.95	\$12.25
5 ft.	3.75	15.50
6 ft.	4.45	16.75

We may be in position to furnish smaller sizes about Nov. 1st.

Prices subject to change without notice.



TWIST-EMS

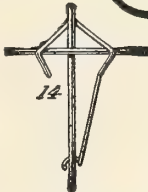
New handy utility plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they

cannot come unfastened. Tape protects stem against injury. For tomato plants and other vegetable crops. Price 7 inch per 1,000, \$1.35; 25,000 lots at \$1.25 per 1,000; 8 inch per 1,000, \$1.60; 25,000 lots at \$1.50 per 1,000; 12 inch per 1,000, \$2.25; 16 inch per 1,000, \$3.50. Write for prices on larger quantities.

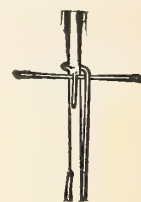
PLANT TIES Lighting Wire. Per box of 1,000, \$2.10; 5 or more boxes, \$1.95 per box. Shipping weight per box, 2 lbs.



CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.



STAKE FASTENERS. Everlasting, packed 500 to a box, per box, \$1.50; 10 boxes or more, \$1.45 each.



RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 65c; 5-lb. lots, per lb., 60c; 10-lb. lots, per lb., 58c; 25-lb. lots, per lb., 55c; 100 lbs., per lb., 53c. Bale lots (about 225 lbs.), per 100 lbs., \$52.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

GRAFTING WAX. Per ¼-lb. bar, 45c; ½-lb. bar, 60c; 1 lb., \$1.00.

Above prices subject to change without notice.

FLORAWAX

A brand new emulsion to use on set pieces and corsages to produce transparent coating. Retards wilting. Set pieces now can stay crisp and fresh. Easy to use too, just dip and dry for 15 minutes. Complete directions on label. Florists have long been seeking such a product. A coating free from drawbacks. 5 gal. drum each, \$10.00.

Glazing Materials and Hotbed Supplies

CUPRINOL SPECIAL. A special grade for dipping of flats and stakes. 5 gal. drum, \$9.25; 50 gal. drum, \$87.50.

CUPRINOL WOOD PRESERVATIVE. Stops rot around the greenhouse. One gallon covers and preserves approximately 400 sq. ft. of wood. Price per gallon, \$2.90; 5 gals. for \$14.00; 50 gal. drum, \$135.00.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 55 gal. drums at \$3.30 gal. 5-gal. kegs, \$17.25; gal. cans, \$3.55. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$14.00; 350 lbs., \$45.50; 500 lbs., \$60.00, green 1c per lb. higher, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use: Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastic Machine or Bulber. 60, 40 and 20-gal. drums at \$1.10 a gal.; 10 and 5-gal. drums at \$1.40 a gal.; 1-gallon can, \$1.65.

MODEL "O" SAFETY GLAZING

GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, \$5.85

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint.

Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. 5 gallons, \$24.75.

Vita Bedding Compound. An excellent elastic compound for rebedding. 5-gal. pails, \$19.75.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., \$3.00; 5 gal. can, \$14.50; 30 gal. drum, \$84.00.

PUTTITAPE. 1½ in. width. A wonderful new method of glazing. New ever-soft gum now mounted on tape made of lead foil to protect it. Comes to you in handy rolls. Just unroll on the sash and bars. Price per roll of 125 ft., \$3.75; 1000 ft., \$30.00.

PUTTIROPE. A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. Put up 500 ft. to box, price per box, \$2.50.

PUTTY KNIFE, No. 120. A very good tool. Each, 50c; 3 for \$1.35.

MT. BEACON SHADING COMPOUND. Green, gal., \$4.30; 5 gal. drum, \$19.50; complete directions on each container.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.

**VAUGHAN'S
PERFECTION
POINT**

SIEBERT'S IMPROVED.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, ⅝ and ⅞ in. long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in.; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.25.



PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.50; 3 for \$4.35; doz., \$15.00.

TROJAN ROLLER TYPE

GLASS CUTTER. Doz., \$2.85; each, 30c.



HOTBED MATS

For protecting Hotbeds, made of poplin, material, vat dyed and Sanforized to make them damp proof, 40x76", price each, \$6.75; dozen, \$75.00; 76x76" price each, \$8.75; dozen \$99.00.

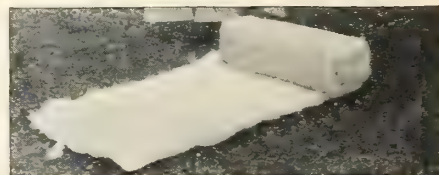
**R-V-LITE
VITAPANE**

VITAPANE GLASS

SUBSTITUTE. Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green-

houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$9.75; 5-roll lots at \$7.75 per roll.

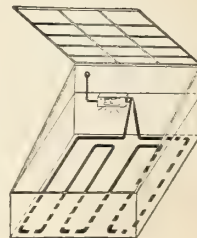
GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, \$8.95; three cartons for \$26.25.



CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$7.60; 100 ft. roll, \$28.50. 28 inches wide, 100-ft. roll, \$23.50.

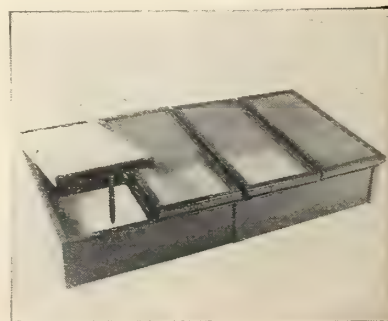
GRO-QUICK Electric Seed Bed Heater.

Soil heating cable and thermostat. Jr. package contains thermostat and 40 ft. 200 watt cable for 3x6 ft. hot bed or 25 square ft. of cold frame. Price \$4.95 ea.; 3 for \$13.50. Sr. package contains thermostat and 80 ft. 400 watt cable for 6x6 ft. hot bed or 50 square ft. of cold frame. Price \$6.35; 3 for \$17.50. Jr cable only price \$1.45; Sr. cable only price \$2.85.



STEEL COLD FRAME.

This complete insulated cold frame, will be a boon to those unable to obtain standard glazed sash. Measures 34 by 70 inches, divided into four sections, insulated with fibreglas, sash glazed with Vimlite celanese plastic which admits ultra-violet rays and is hail proof. Made of 22 gauge steel. Finished with green Roxalin Flexible Finish, it is strong and rigid; yet sash are light and windproof. Packed in carton, weighing about 50 pounds, easily assembled in 10 minutes. F. O. B. Chicago, Ill., or New York City, each \$18.50; 3 for \$51.00.



Paper Pots and Plant Bands



Prices on pots subject to change without notice

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000 F.O.B. New York	Per 1000 F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.80	\$ 5.75	\$ 5.85	1,000	10 lbs.
2 1/4	.85	5.80	5.95	1,000	12 lbs.
2 1/2	.95	5.95	6.10	1,000	16 lbs.
3	1.35	6.65	6.75	1,000	24 lbs.
3 1/2	1.50	8.85	9.00	1,000	34 lbs.
4	1.60	10.00	10.25	500	46 lbs.
5	2.25	12.95	13.25	500	75 lbs.
6	2.70	16.50	16.80	500	102 lbs.

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Per Case Quan.	Per Carton Ship. Wt.	Price per Carton F.O.B. N.Y.	Price per Carton F.O.B. Chi.
2 inch	1,000	14 lbs.	\$ 9.65	\$ 9.80
2 1/4 inch	1,000	16 lbs.	9.80	10.00
2 1/2 inch	1,000	22 lbs.	10.50	10.75
3 inch	1,000	28 lbs.	12.10	12.25
4 inch	500	26 lbs.	9.65	9.85
5 inch	500	44 lbs.	13.20	13.40
6 inch	500	62 lbs.	17.10	17.25

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.

Standard Heavy Weight Cloverset Pots	Diam.	Height	Top	Bottom	Weight	Per 100	Per 1,000
No. 5	5 in.	4 1/2 in.	4 1/2 in.	3 1/2 in.	35 lbs.	\$2.75	\$25.00
1	6 1/2 in.	6 in.	5 1/2 in.	5 1/2 in.	52 lbs.	4.00	37.50
2	9 1/2 in.	7 in.	6 1/2 in.	7 1/2 in.	77 lbs.	4.50	42.50
3	9 in.	8 in.	7 1/2 in.	8 1/2 in.	88 lbs.	5.00	47.50

All orders for Cloverset Pots shipped from Kansas City.

BIRD GROWTH-STIMULATING PLANT BANDS

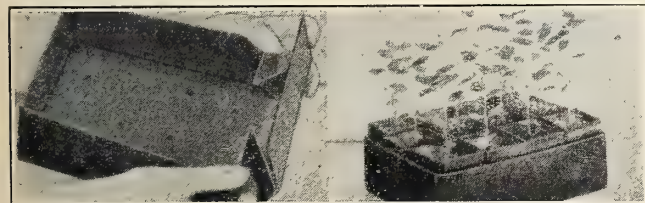
A band for every purpose. Units of 1,000 only. **Vita-Band 40.** Designed for all-around use, especially for long growing periods. Ideal for carnations. . . . Treated with nutrients to assure vigorous, well-balanced growth. A heavy and sturdy plant band.

Per 1 1/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	3 x 3 x 4
New York—	\$4.25	\$4.70	\$5.05	\$5.50	\$6.30
Chicago—	1,000	4.35	4.85	5.20	5.65
	1,000				6.50
					7.55

Vita-Band 10. Also designed for growing periods up to 8 or 10 weeks. Has the same quick set-up and fast handling features without nutrient treatment. A low-priced band giving satisfactory results for the shorter growing periods. May require an occasional liquid feeding.

Per 1 1/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	3 x 3 x 4
New York—	\$2.90	\$3.25	\$3.78	\$4.15	\$4.55
Chicago—	1,000	3.00	3.35	3.90	4.75
					6.10

The above plant bands made of fibre-resin materials developed by extensive research work. Tested and proved under all growing conditions by successful greenhouse operators.



NEPONSET "TOM THUMB" FLATS

Made of heavy fibre resinous material. Easily set up. Comes in two sizes to hold either a dozen 1 1/4-inch bands or a dozen 2-inch. You will find these ideal for counter sales of bedding or vegetable plants. Price, size No. 1, \$31.30 per M; complete with 12,000 bands, \$78.30 per M; size No. 2, \$34.30 per M; price complete with 12,000 bands, \$85.00 per M; f.o.b. East Walpole, Massachusetts.

Orders for shipment East of Pittsburgh will be shipped out of East Walpole, Mass. Orders West of Pittsburgh, and including Pittsburgh will be shipped out of Chicago.

PANSY BASKETS

Price, 1 qt. size, 500 for \$12.50; 1000, \$24.00.

Price, 2 qt. size, 500 for \$13.50; 1,000 for \$26.00; 3 qt. size, 500 for \$15.00; 1,000 for \$29.00.



WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors.

Packed 1000 to carton.	Weight per 1000	Price per 1000
2 x 2 x 2 1/2	16 lbs.	\$3.95
2 x 2 x 3	20 lbs.	4.10
2 1/2 x 2 1/2 x 3	21 lbs.	4.25
3 x 3 x 3	32 lbs.	4.65
3 x 3 x 4	40 lbs.	4.90
4 x 4 x 4	40 lbs.	5.75



EVER-GRO UNIVERSAL POT DRAIN



Saves labor when potting. Prevents drain from clogging, thus promoting better plant growth. Easily installed at any time. Will not shift around. Placed in pot with

points down. Size, 1 1/2 in. dia., 22 galv. steel. Fits 3 1/2 to 7 inch pots. Shipping weight, 24 lbs. per 1000. Prices, 500 for \$6.00; 1000 for \$10.00; 5000 for \$45.00; 10,000 for \$85.00. Sample on request.

EVER GRO POT DRAINS. Counter carton containing 100 packages of Ever Gro Pot Drains with six 4 color 4 x 6 in. display easels, which retail at 10c per package. Price, per carton of 100 pks. with easels, \$6.00.

SEED FLATS

Made from clean Ponderosa Pine, knocked down, put up in bundles of ten flats each.

No.	Inside Dimensions	Per Bundle of 10
No. 3	21 1/2 x 14 x 2 3/4 inches	\$3.95
No. 3-A	21 1/2 x 14 x 3 3/4 inches	4.25
No. 4	24 x 15 x 2 3/4 inches	4.45
No. 4-A	24 x 15 x 3 3/4 inches	4.75

Write for prices on Hotbed Sash.

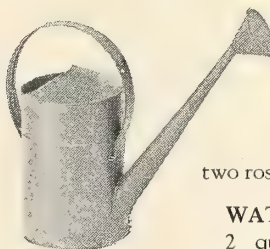
Watering Cans and Cemetery Vases

PROFESSIONAL WATERING POTS

For Florist's, Nurseries, Seed Growers and Estates.

8 qt. size, \$7.95; 10 qt. size, \$8.35.

12 quart size, round, heavy watering pot with long spout and two roses, with brass handle. Price each, \$9.00.

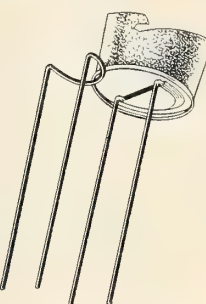


WATERING POT

2 quart home size.

Pastel green with rose

design, for watering house plants. Each, \$1.75, dozen, \$14.00.



FLAT BOTTOM CEMETERY VASE No. 2A

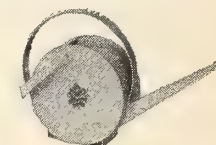
Detachable stem.

Packed 3 doz. to carton.

Price per carton, \$4.25; gross,

\$16.00. Weight per

carton, 11 lbs.



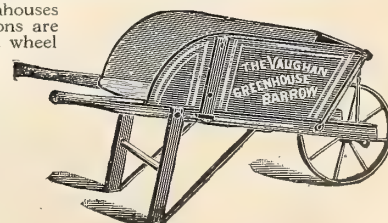
CONE SHAPED CEMETERY VASE No. 4

9 1/2 in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, \$4.25; per gross, \$16.00. Weight per carton, 12 lbs.

VAUGHAN'S GREENHOUSE WHEELBARROW

Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel

end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. Wheel is of steel, 17 in., with 2 1/2 in. thread; the axle is 1 1/2 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. Each, \$13.85.



Rubber Hose, Couplers, Nozzles, Etc.

"AMEPCO"

GUARANTEED PLASTIC AMBER HOSE

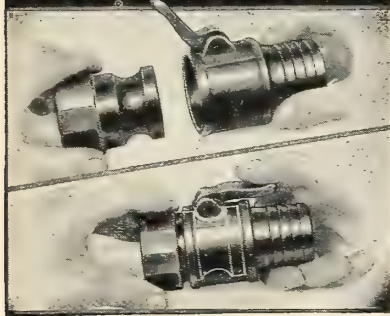
Clear amber greenhouse hose, kink proof, crack proof, light as a feather, guaranteed for 5 years, equipped with precision machined fittings. A miracle of modern chemistry, a guaranteed plastic, originally designed and used for oil and fuel lines in war plants and battleships. The weather elements will have no effect and will not deteriorate this hose. Weighs only 25% of ordinary rubber hose making it very easy to carry where necessary. $\frac{3}{4}$ inch amber, price, 50 ft. length \$17.50 each, coupled.

VAUGHAN'S $\frac{3}{4}$ INCH WATER

HOSE. This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 24c per foot. Couplings, 35c per set extra. This hose can be furnished in any length. $\frac{5}{8}$ in. Single Braid Hose. Price, per 50 ft. length, \$6.25. Price, $\frac{3}{4}$ or $\frac{1}{2}$ -inch couplings, 35c per set.



JUST PRESS THE LEVER—
Instant, tight connection—
a great time-saver!



SPRAY HOSE. For high pressure spraying. $\frac{3}{8}$ -in., per ft., 30c; $\frac{1}{2}$ -in., per ft., 35c.

HOSE COUPLING,

Improved Ever-Tight.

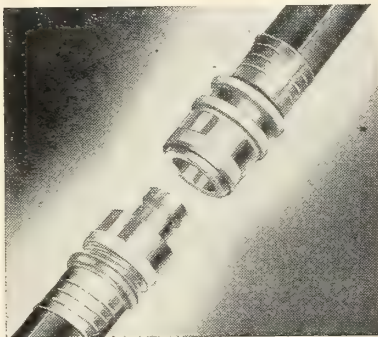
No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 70c; doz., \$7.20.

HOSE STRAPS, Caldwell. For $\frac{1}{2}$, $\frac{3}{4}$ and 1-inch hose. Dozen, 45c; gross, \$4.20.

THE NEW CRESCENT

HOSNAP COU-

PLING. Screwing of couplings and twisting of hose eliminated. This coupling operates by merely pushing in. It locks quickly. Can be removed simply by pushing down collar. Made of brass. Price each, \$1.25; doz., \$12.00; 6 doz. lots, doz., \$10.80;



EAS-E-GO HOSE COUPLINGS

Made of aircraft aluminum. The connection of a lifetime. Hose is coupled in a flash. Leak proof, does not tear the hose. Can be easily removed and reused on other hose. Free from rust. Price $\frac{3}{4}$ in. complete, each, 95c; per dozen, \$9.00. Faucet ends each, 60c; dozen, \$6.00; nozzle ends each, 50c; dozen, \$4.80.



HOTHOUSE SPRINKLER

All brass, distributes water evenly; $\frac{3}{4}$ inch connection; 3 inch face, each, 65c; 4 inch face, each, 85c.

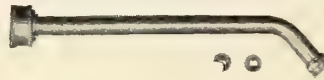
ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 95c; doz. \$9.00.



LINCOLN PARK OR BUTTERFLY

Cheapest and best sprinkler made. Each, 90c; doz., \$9.00.

Mounted on stand: 2-foot, \$2.25; 4-foot, \$2.50; 6-foot, \$3.00.



Paradise Syringing Nozzle. 10-inch, each, \$3.20; 18-inch, each, \$4.20; extra tips, each, 35c.

HOSE WASHERS. $\frac{3}{4}$ -inch. Doz., 10c; gross, 60c.

BRASS CLINCHER HOSE COUPLING.

Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 40c; doz., \$3.80.



Brass Clincher Hose Mender

Price each, 15c; doz., \$1.35.

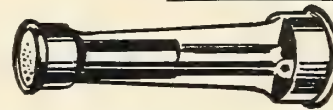


JUSTRITE BRASS HOSE NOZZLE

For lawn and garden, can be changed from fine spray to stream. $\frac{3}{4}$ inch, each, 85c; doz., \$7.20.



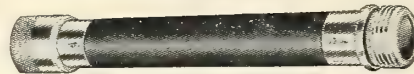
HAYES SPRINKL-AIR NOZZLE



Mixes air into water flowing through garden hose . . . almost magically changes harsh, stinging streams to soft, lacy, beneficial "Rain".

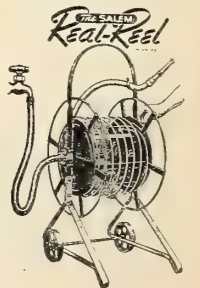
SPRINKL-AIR'S flow falls lightly onto freshly seeded lawns and gardens—no washing away of earth and seeds, no damage to tender seedlings and tiny plants. Price each, 69c; per doz., \$5.60.

LONN WATER SAVER. For $\frac{3}{4}$ in. connections, has automatic positive valve water shut off. Each, \$1.50.



REAL-REEL

The only portable reel permitting water to run through the reeled-up hose. Equipped with 5 ft. of accessory hose and connection to attach to hydrant as illustrated. Saves time and work. The hose does not need to be removed from the reel to connect it to the water current. Made of the best steel, very durable. Price each, \$12.50 in lots of 4 when purchased for resale, \$8.35 each.



NOZZLES FOR SPRAYING INSECTICIDES & FUNGICIDES.

Bordeaux Nozzle to fit a standard $\frac{1}{4}$ -inch thread adjustable from fine spray to stream. Each, \$1.35.

Vermorel Nozzle, non-clog, to fit $\frac{1}{4}$ -inch thread. Each, \$1.35.

Auto Pop Nozzle, including automatic shut-off. Each, \$1.85.

Nozzle only, without shut-off. Each, 75c.

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, \$1.45; 3 for \$4.20; doz., \$14.95.



LAWN AND GARDEN SPRINKLERS

RAIN KING ADJUSTABLE HOSE NOZZLE

Can be adjusted from fine spray to stream. Price, each, \$1.00; postpaid, \$1.10; doz., \$8.00.

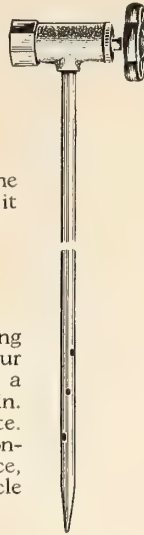
ROOT IRRIGATORS

For trees, shrubs and flowers. Irrigates directly at the roots, dissolving the plant food in the soil and making it readily absorbable. Price each, \$3.25; 6 for \$13.00.

ROSS SQUARE SPRAY HEADS FOR SCIENTIFIC SPRINKLING

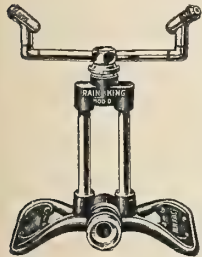


It sprinkles a square, making it easy for you to install your own underground system, at a very low cost. Threaded for 1/2 in. pipe, capacity 3 3/4 gals. per minute. Has a slotted adjusting screw to control the area of the spray. 54A. Price, per doz., \$6.00. 64A. 1/2 or 1/4 circle heads. Doz., \$4.80.



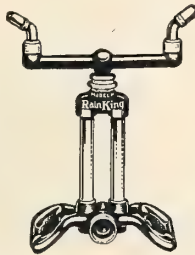
RAIN KING SPRINKLER MODEL H

Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel. 11 1/4 in. tall; 9 1/4 in. from nozzle to nozzle. Price each, \$5.25; 6 for \$21.00. Shipping weight, 5 lbs. each.



RAIN KING SPRINKLER MODEL K

Automatic, new, sensational sprinkler that you can set instantly to sprinkle any size circle 5 to 50 ft. by simply turning the button on top of the sprinkler. Price each, \$6.75; 6 for \$27.00. Shipping weight, 5 lbs. each.



RAIN KING SPRINKLER MODEL D

Can be adjusted to operate slow or fast. Will operate on any water pressure. Price each, \$3.95; 6 for \$15.80. Shipping weight, 4 lbs. each.



SOIL SOAKER

Irrigation hose for deep soaking. No. 0—12 ft., each, \$1.20; six for \$6.00. No. 1—18 ft., each, \$1.60; six for \$8.40; No. 2—30 ft., each, \$2.35; six for \$12.60; No. 3—50 ft., each, \$3.65; six for \$20.60.

EROSIONET

Use Erosionet for New Lawns, Weak Lawns, and Stubborn Terraces.

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it

almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 20c; 100-yd. lots, 18c per yd.; rolls of 250 yds., 17c per yd.



MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.

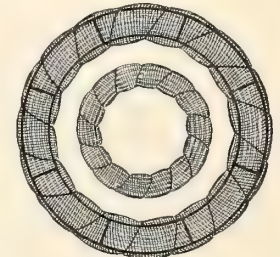


Spray Bars			
3 1/2 ins. wide,	2 ins. thick	Length Each	Length Each
8 ins.		\$0.19	20 ins. . . \$0.35
12 ins. . . . .		.22	22 ins. . . .39
14 ins. . . . .		.25	24 ins. . . .41
16 ins. . . . .		.28	30 ins. . . .45
18 ins. . . . .		.32	

Spray Bars			
4 1/2 ins. wide,	2 1/2 ins. thick	Length Each	Length Each
18 ins.		\$0.45	36 ins. . . \$0.79
24 ins. . . . .		.55	42 ins. . . .87
30 ins. . . . .		.68	48 ins. . . .94

Spray Bars			
6 ins. wide,	2 1/2 ins. thick	Length Each	Length Each
24 ins.		\$0.68	42 ins. . . \$1.00
30 ins. . . . .		.75	48 ins. . . 1.30
36 ins. . . . .		.85	

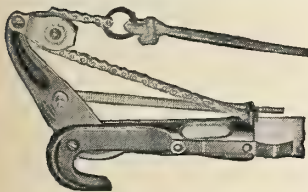
Crosses			
Size	Each	Size	Each
18-in.	\$0.57	30-in.	\$1.06
20-in. . . . .	.64	33-in.	1.18
22-in. . . . .	.72	36-in.	1.70
24-in. . . . .	.81	42-in.	2.45
27-in. . . . .	.90	48-in.	2.85



Wreaths					
Size	Each	Size	Each	Size	Each
10-in.	\$0.29	24-in.	\$0.77		
12-in. . . . .	.33	27-in. . . . .	.94		
14-in. . . . .	.40	30-in.	1.25		
16-in. . . . .	.47	33-in.			
18-in. . . . .	.53	36-in.			
20-in. . . . .	.61	42-in.			
22-in. . . . .	.69	48-in.			

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.

IMPROVED TELEPHONE PRUNER. A



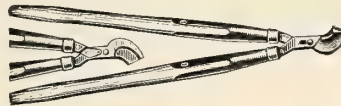
strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1 1/2-inch branches. No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$3.00. Price, complete with one head pole, 6 ft., and two 6-ft. extension poles, \$12.00. No. 12 Pruner head only, \$6.50. Price, complete with head pole and two 6-ft. extension poles, \$19.00.

TREE PRUNERS. Waters' 6-ft., \$3.00; 8-ft., \$3.25; 10-ft., \$3.75; 12-ft., \$4.25. Extra blades, each, 30c.

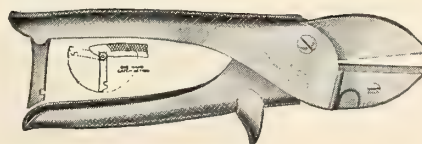
No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$9.75.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each, \$2.25; 24 inch handles, each \$2.50.

PRUNING TOOLS



CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, \$4.25.



SNAP CUT PRUNER. No. 906B. Heavy duty, full polished, \$2.50; 6 pair for \$12.00.

SAWS (Atkins) Double-Edged Pruning.

18-in. . . \$2.35



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$3.25; 3 for \$9.00.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, \$5.00.

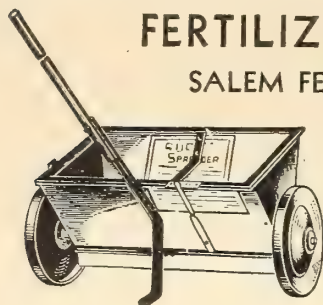


PORTER TWINCUT PROFESSIONAL ONE HAND PRUNER. This pruner is drop forged from selected tool steel. The patented pivot bolt cannot tighten or loosen in use, yet can be easily adjusted. Equipped with new concealed locking device. Instantly locks or unlocks the closed tool with the touch of the thumb. 9 inch full polish. Price, each, \$5.50.

Prices subject to change without notice.

FERTILIZER SPREADERS

SALEM FERTILIZER SPREADERS



Will spread any kind of commercial fertilizer, grass seed or top dressing. Has new disc wheels, foot rest and selective feed control. 16 inch, hopper capacity about 20 lbs., price each, \$4.95; 20 inch, hopper capacity about 40 lbs., each, \$8.75; 30 inch, hopper capacity about 80 lbs., each, \$13.95. Super Heavy 36 inch, hopper capacity over 100 lbs., each, \$25.00.

MASTERS PERFECT DISTRIBUTORS.

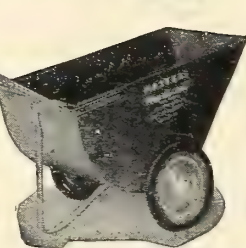


This is a sturdy and efficient machine which solves the problem of even distribution of fertilizers, grass seed and top dressing. It has a shut-off control and adjusting device right on the handle. Shuts off instantly. Every inch of ground is covered, but no surplus. Home Lawn distributor, each, \$7.25; No. M180—18" sturdily built, each, \$10.95; No. M240 24", each, \$13.75; No. M361—36" with rubber tire wheels, each, \$27.50.

MASTERS HANDI-CART

Replaces the old-fashioned wheel-barrow for every purpose. Garden work really becomes a pleasure. Just dip it down and rake grass cuttings, leaves, earth or gravel into the cart. Can also mix cement right in the cart. No. 18, size of wheels 10 in. diameter. Extreme overall width of cart 20 in. Size of hopper body 26½ x 16 x 12½ in. Price each, \$6.75.

No. 2, size of wheels 10 in. diameter. Extreme overall width of Cart 25 in. Size of hopper body 27½ x 21 x 13½ in. Price each, \$8.45.



SOIL TESTERS

The Sudbury Horticultural Soil Test Kit, \$12.50

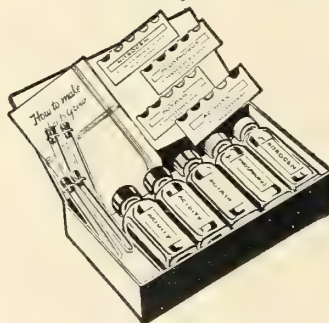
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$12.50.

The Sudbury Improved Professional Soil Test Kit—Contains enough material for 200 individual tests. Price, complete with instructions, \$22.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires No. 2 and No. 3 to make Nitrogen Tests, No. 4 and No. 5 for Phosphorus Tests and No. 6 and No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz., 75c; 6 oz., \$2.00.



The Sudbury Home Gardener's Soil Test Kit, \$2.00



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greens-keepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

***The Sudbury Home Gardener's Soil Kit.** Complete with instructions and table of plant needs, retail at \$2.50; six for \$10.00.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$4.75; 3 for \$9.50.

Vaughan's High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash.

NOTE—These prices are f. o. b. New York

ADCO ARTIFICIAL STABLE MANURE. Prices, 7½ lbs., 85c; doz., \$8.40; 25-lb., bags, \$2.00; 150-lb. bags, each \$10.50.

AGRINITE. 8½% nitrogen all organic fertilizer, can easily be used in place of dried blood or tankage. 100 lbs., \$4.00; 500 lbs., \$17.50; 1000 lbs., \$30.00; ton, \$55.00.

ALUMINUM SULPHATE. For creating acid conditions in the soil. Prices, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.

VAUGHAN'S SPECIAL ROSE GROWER BONE MEAL. "Rose Grower." This is a special brand we have put up for our trade. It is ground fine. Free from acid, made from bone accumulated in large slaughter houses. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Prices, 100 lbs., \$5.00; 2,000 lbs., \$95.50.

ACTIVE BACTERIAL COMPOSITION. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. Prices, 5 lbs., \$1.45; 20 pkgs. for \$19.80; 25 lb. bag, \$4.25; 4 bags for \$13.20; trial size of 10 4-oz. pkgs., \$2.50.

CATTLE MANURE, Shredded. High grade natural fertilizer. Prices, 100 lbs., \$3.00; 1,000 lbs., \$28.00; 2,000 lbs., \$50.00.

DRICONURE. A good fertilizer with a peat moss base impregnated with a high grade manure. Prices, 7½ lbs., 50c; 50 lb. bag, \$1.75.

DRIED BLOOD. Price, \$9.50 per 100 lbs.

HYPONEX PLANT FOOD. For growing plants in soil, sand or water. Ideal for starting seeds and cuttings. 1 teaspoon makes a gallon of plant food; 1 lb. makes 100 gallons. Prices, 25c size 36 to carton, \$6.00; 50c size 24 to case \$8.00; 100c size 12 to case \$8.00; 10 lb., \$5.35; 25 lbs., \$10.00.

FULTON'S PLANTABBS. Odorless plant food in tablet form; supply a complete balanced plant food including Vitamin B-1. Put up in boxes. Prices, 10c size, doz., 72c; 25c size, doz., \$2.00; 50c size, doz., \$4.00; 100c size, doz., \$8.00; \$3.50 size, each, \$2.35. Special discount of 5% on orders totaling \$6.00 to \$12.00; 10% on orders over \$12.00.

ELECTRA. (F. O. B. Massachusetts). A great favorite with private gardeners and commercial growers. High in organics. 100 lbs., \$6.75.

HORN DUST. Has same effect as Horn shavings except it is immediately available. Price, 100 lbs., \$6.50.

HORN SHAVINGS, Synthetic. Quick acting and lasting. 100 lbs., \$6.50. **HY-GRO.** The soluble plant food. 12-26-13. The nearest fertilizer to Nitrophaska. Excellent for forcing. If given a little counter space will bring results. Prices, 3 oz. retails 25c each, packed 12 to a display carton, \$1.80 per carton. 20-oz. retails for \$1.00, packed 12 to a carton, \$7.20 per carton. 10 lbs. retails for \$4.00, packed single carton, each, \$2.40.

MIKAMAGIC. Is a prepared form of vermiculite, cleaned of all impurities which might injure plants, and of the correct size for horticultural use. This remarkable material has proved to give almost magical results as a substitute for soil in starting seeds and rooting cuttings. Material is made in three grades, coarse for base or foundation; medium, for the center layers, and fine for using on the surface of seed starters. 2 cu. ft. bag, \$1.25; 4 cu. ft. bag, \$2.00.

ROSE FOOD. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all-purpose fertilizer which can be used on all flowers, shrubbery, etc. 1 lb., 15c; 5 lbs., \$5.70 for 12; 10 lbs., \$5.40 for 25 lbs., \$1.75; 100 lbs., \$6.25.

NITRATE OF SODA. 16% nitrogen. 100 lbs., \$4.50; 1,000 lbs., \$42.50.

ORCHID PEAT. Prices, two bushel bag, \$3.50 each.

SHEEP MANURE, Vaughan's Pulverized. Pure, dry, finely ground. 25 lbs., 80c; 50 lbs., \$1.25; 100 lbs., \$2.25; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

SUPERPHOSPHATE. 20% available. 100 lbs., \$2.00; 1,000 lbs., \$15.00; 2,000 lbs., \$28.00.

AGRICO. For Lawns, Trees, Shrubs and Flowers. 6-10-4. Prices, 5-lb., packed ten to a bale, each, 30c; retails at 45c; 10-lb. packed six to a bale, each, 53c; retails for 85c; 25-lb., packed four to a bale, each, \$1.00; retails at \$1.50; 50-lb., two to a bale, each, \$1.70; retails for \$2.50; 100-lb., \$2.75; retails for \$4.00.

AGRICO GARDEN FERTILIZER. 5-10-5. Price, 5 lb., packaging 10 to a bale, each, 30c; retails for 45c; 10 lb., packed six to a bale, each, 53c; retails for 80c; 25 lb., packed four to a bale, each, \$1.00; retails for \$1.50; 50 lb., packed two to a bale, each, \$1.70; retails for \$2.50; 100 lb., each, \$2.75; retails for \$4.00.

AGRICO FOR BROADLEAF EVERGREENS. Agrico for Broadleaf Evergreens not only supplies the right balance of all the needed plant foods but, one that also builds up soil acidity. Apply Agrico for Broadleaf Evergreens in early Spring, at the rate of 3 lbs. per 100 sq. ft. For flowering plants, make a second application of 1 to 2 lbs. per 100 sq. ft., as soon as buds begin to appear. 10 lbs., 60c, retails \$1.00; 25 lbs., \$1.25, retails \$2.00; 50 lbs., \$2.10, retails \$3.25; 100 lbs., \$3.40, retails \$5.00.

VIGORO. A specially prepared plant food. It contains all elements plants need for healthy growth. 5 lbs., 29c; retails for 45c; 10 lbs., 56c; retails for 85c; 25 lbs., \$1.00, retails for \$1.50; 50 lbs., \$1.70, retails for \$2.50; 100 lbs., \$2.75, retails for \$4.00. 500 lbs. delivered free to your railroad station within 500 miles of New York.

VIGORO FERTILIZER TABLETS. 24 tablets per box, 30 boxes in display case. Prices, case at \$1.80, retails at 10c each.

ARMOURS SPECIAL ORNAMENTAL FERTILIZER. For flowers, lawns, trees, and shrubs, 6-12-4. Prices, 100 lbs., \$2.75; retails at \$4.00.

ARMOURS GARDEN FERTILIZER. 5-10-5. Price, 25 lbs., 85c; retails, \$1.25; 50 lbs., \$1.45; retails for \$2.15; 100 lbs., \$2.40; retails for \$3.50.

PLANT PROD. Plant Prod 15-30-15 a water soluble fertilizer supplies, in a water soluble form, the most essential plant foods necessary for vigorous growth and hardiness. It is beneficial to all types of plants, ornamental and vegetable. In a water solution Plant Prod is easily absorbed into the soil where it remains for a long period of time. At no time does it lose any of its effectiveness while in the soil. Plant Prod is really the economical and safe way to feed plants. 3 oz., \$3.60 case of 24; 24 oz., 60c; 10 lbs., \$2.40; 25 lbs., \$4.80; 50 lbs., \$10.00; 100 lbs., \$17.00.

COMPO. Ten packages to case, all prices less 33½%. 7½ lbs., \$10.00 per case; 25 lbs., \$2.00; 100 lbs., \$7.50.

Bowls For Growing Bulbs



No. A. Pottery Bulb and Flower Bowl Assortment. This assortment consists of the following: 15-6" bowls, 15-7" bowls and 6-8½" bowls. The assortment retails for about \$15.00 and comes in assorted colors of yellow, blue, old rose and white. Price per complete assortment \$13.95.

F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green.

6-in. diam., doz., \$3.95; 7-in. diam., doz., \$4.95; 8½-in. diam., doz., \$6.25.

Pearl Chips and Prepared Fibre

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at 10 lbs., 95c; 25 lbs., \$1.85; 100 lbs., \$5.35.

Pearl Chips, White, for growing Bulbs in bowls at \$3.00 per 100 lbs.

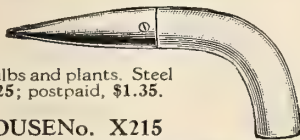
Pearl Chips, Colored, \$3.25 per 100 lbs.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.

DIBBER

For planting bulbs and plants. Steel point. Each, \$1.25; postpaid, \$1.35.



MARTIN HOUSE No. X215

Twenty compartment house, two stories high, unpainted, \$15.00. Painted two coats in white and green, \$17.50.

MARTIN HOUSE No. X315

Twenty-eight compartment house, three stories high, unpainted, \$17.50. Painted two coats white and green, \$20.00. Crating charge \$1.00 extra.



AUTOMATIC BIRD FEEDERS (Patented)

An economical feeder for all kinds of seeds, cracked corn or other small food.

If filled with sunflower seeds, it unfailingly attracts Cardinals, rose-breasted Grosbeaks, Finches and many other large as well as small pretty birds all year around. Birds enjoy swinging with the feeder. Each, \$2.50; 6 for \$10.00.



WREN HOUSE No. 16

This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown each, \$2.00; 6 for \$8.00; white and green, each, \$2.50; 6 for \$10.00. Blue Bird House No. 5 similar to the above, stained brown, \$1.25; 6 for \$6.60.



ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown — each \$2.25 6 for \$9.00.



RODENT ROCKETS



...THE EASY WAY

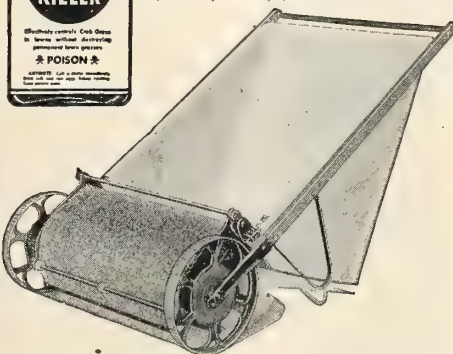
Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot." Safe, sure, efficient aids to hunters in "un-treing" holed-up woodchucks, raccoons, etc.

Packed two dozen to an attractive display carton, weight 2½ lbs. Invaluable in Nursery and Greenhouse. Price per carton of 24 rockets, \$1.50; six cartons for \$8.00.



Zotox Crab Grass Killer

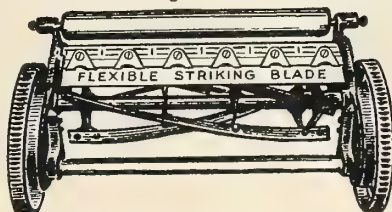
An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, \$1.00; doz., \$7.20; 16 oz., each, \$1.50; doz., \$10.80; 5 lbs., \$4.50.



Springfield Lawn Sweepers

28 inch with semi-pneumatic tires; each, \$44.50.

Flexible Striking Lawn Mower Blade



NO GRINDING, NO SHARPENING NECESSARY
Flexible striking blade is made of the finest steel and heat treated for that purpose.

Being flexible it will always be in contact with the revolving blades of the "lawn-mower" thus, assuring cutting at all times, "when properly installed". Does a nice clean cutting job without any effort. Will cut wet grass just as nice as dry grass.

Promotes a more healthy growth of grass and makes lawn mowing a pleasure. Ea., \$1.75; 6 for \$9.00.



BERGMAN Lawn Mower SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, \$1.10; doz., \$9.00.



KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ¾ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

Specifications

Length.....38"
Width.....22"
Height at discharge end.....36"
Height at hopper.....33"
Weight.....200 lbs.
Power.....¾ H.P.
Capacity—either one or two men loading hopper.
Parts having most wear, the hopper, top and deflector, made from steel.
Machine shipped complete with motor and cord, ready to plug into socket and run.
Price of No. 6, complete, ready to run.....\$112.78

KEMP SOIL SHREDDERS

No. 6 Complete with 1½ hp. Briggs & Stratton gas engine, mounted on truck with wheels \$117.04
No. 6 Complete, less engine or motor, mounted on truck with wheels.....\$79.80
No. 1 Complete, with 1½ hp. electric motor, switch and 10' of cord, mounted on truck with wheels.....\$287.28
No. 1 Complete with 2½ hp. gas engine, mounted on truck with wheels.....\$292.60
No. 1 Complete, less engine or motor, mounted on truck with wheels.....\$218.12
No. 1 Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels.....\$207.48
No. 2 Complete, with either 6 hp. gas engine or 3 hp. electric motor, switch and 10' of cord, mounted on truck with wheels.....\$430.92
No. 2 Complete, less engine or motor, mounted on truck with wheels.....\$319.20
No. 2 Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels.....\$308.56

Prices for machines with electric motors are for AC motors, 60 cycle, 1 and 3 phase, 110, 220, 440 volts. For special currents such as 25 cycle, prices will be quoted on request.

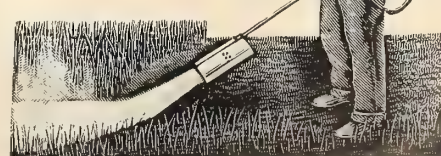
Attachments

No. 1 and No. 2 Peat attachments.....\$10.64
No. 1 Elevator attachments.....69.16
No. 2 Elevator attachments.....79.80
No. 1 and No. 2 Shaker screen attachments with either ¼", ¾", 1½" or 3¼" round holes.....\$79.80 (F. O. B. Erie, Pa.)

SOIL SHREDDERS not available for immediate shipment. Place orders now for delivery when available. Orders placed early will be shipped first. We cannot guarantee any delivery date.

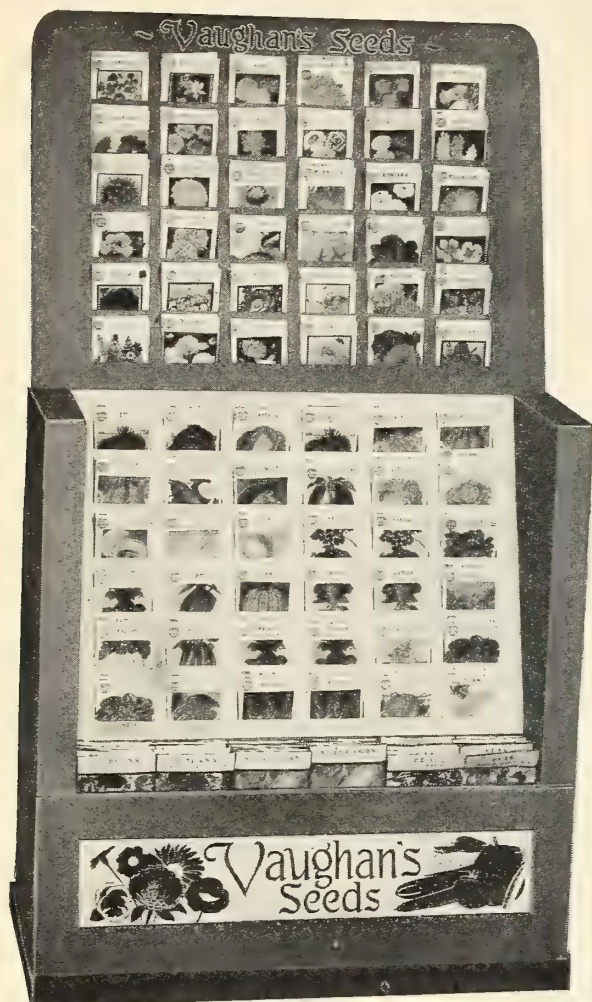
SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$17.95 (weight 17 lbs.).



Flower Seeds in Record Breaking Demand

Vaughan's Packet Seed Assortments have a selection of flower seeds which few seed stores can equal, and flower seeds will be the "hot" item this spring. Home gardeners will tend to concentrate also on the luxury vegetables of super-quality, in which we specialize. This is a business which belongs to the florist, and Vaughan's Seeds a line which he can recommend. They are not on sale by every other outlet in your neighborhood. Make sure of your assortment by ordering early.



OUR COLORFUL DISPLAY RACK

Attractive Two-Tone Display Rack

For 1948 our light-weight, decorative display rack will be made in combination of buff and green, which is attractive in itself and will harmonize with your store display.

Design and construction of the rack will follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets.

Our New Packets. All flower seed packets of 1948 will be $3\frac{1}{4}$ by $4\frac{1}{2}$ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

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VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1948.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name _____

Your Address _____

Sign here _____



LARGER PROFITS IN QUALITY SEED

Bags included on all grass seed gross for net. All grass seed prices net cash, F. O. B. Chicago and New York and subject to change without notice. Orders will be booked at the lowest price on day received.

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all re-cleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), \$36.00 per 100 lbs.; less than 112 lbs., 38c per lb.; 10 to 25 lbs., 39c per lb.

Standard. Purity 80%. Full bags (112 lbs.), \$35.00 per 100 lbs.; less than 112 lbs., 37c per lb.; 10 to 25 lbs., 38c per lb.

Extra Fancy Seed. Purity about 90%. Full bags (112 lbs.), \$40.00 per 100 lbs.; less than 112 lbs., 42c per lb.; 10 to 25 lbs., 43c per lb.

Refined Sun Cured. Purity about 97 to 98%. Full bags (112 lbs.), \$46.00 per 100 lbs.; less than 112 lbs., 48c per lb.; 10 to 25 lbs., 49c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), \$21.50 per 100 lbs.; broken bags, 22½c per lb.; 10 to 25 lbs., 23½c per lb.

Extra Fancy. Purity 95%. Full bags (100 lbs.), \$20.50 per 100 lbs.; broken bags, 21½c per lb.; 10 to 25 lbs., 22½c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), \$20.00 per 100 lbs.; broken bags, 21c per lb.; 10 to 25 lbs., 22c per lb.

CLOVER, White Dutch.

Extra Fancy. \$60.00 per 100 lbs.; less than 100 lbs., 62c per lb.; 10 to 25 lbs., 65c per lb.

Choice Grades. \$57.00 per 100 lbs.; less than 100 lbs., 60c per lb.; 10 to 25 lbs., 62c per lb.

Put up in packages of 5 lbs. and less, write for prices.

PERENNIAL RYE GRASS. \$20.00 per 100 lbs.; broken bags, 21c per lb.; 10 to 25 lbs., 22c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), \$10.00 per 100 lbs.; broken bags, 11c per lb.; 10 to 25 lbs., 12c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$55.00 per 100 lbs.; broken bags, 57c per lb.; 10 to 25 lbs., 60c per lb.

CREeping RED FESCUE. A variety of fescue superior to Chewings. 100 lbs., \$58.00; less than 100 lbs., 60c per lb.; 10 to 25 lbs., 62c per lb.

ALTA FESCUE. A new development—excellent for roadsides, athletic fields, airports etc.,—quite drought resistant—deep root system—too coarse for lawn purposes—100 lbs., \$55.00; less than 100 lbs., 58c per lb.

POA TRIVIALIS. 70.00 per 100 lbs.; broken bags, 72c per lb.; 10 to 25 lbs., 74c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), \$115.00 per 100 lbs.; broken bags, \$1.17 per lb.; 10 to 25 lbs., \$1.20 per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, \$130.00 per 100 lbs.; broken bags, \$1.32 per lb.; 10 to 25 lbs., \$1.35 per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 90c per lb.) Price, \$50.00 per 100 lbs.; 5-lb. bags (ea., \$2.75), per 100 lbs., \$52.00; 1-lb. cartons (ea., 60c), per 100 lbs., \$53.00. Orders for 10 to 25 lbs., 52½c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know, and we will be glad to quote.

Vaughan's Chicago Parks (Containing Creeping Red Fescue)

Because of the extreme popularity and satisfaction received by our new formula containing Creeping Red Fescue in conjunction with blue grass and other suitable grasses we are pleased to advise we are maintaining Creeping Red Fescue in our formula.

Prices for Chicago Parks Formula Per 100 lbs.

½-lb. carton, each, 35c (Retail for 45c)	\$48.00
1 -lb. carton, each, 55c (Retail for 80c)	
2 and 3-lb. cartons	47.50
5-lb. cartons or bags (each, \$2.50)	47.00
Per 100 lbs.	
10 and 15-lb. bags	\$46.50
50 and 25-lb. bags	46.00
100 lb. lots	45.00
500 lb. lots	44.00
Lots of 10 to 25 lbs., 47½c lb. On Larger Lots Ask For Prices.	

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

½-lb. carton, each, 35c (Retail for 45c)	\$48.00
1 -lb. carton, each, 55c (Retail for 80c)	
2 and 3-lb. cartons	47.50
5-lb. cartons or bags (each, \$2.50)	47.00
10 and 15-lb. bags	46.50
50 and 25-lb. bags	46.00
100 lb. lots	45.00
500 lb. lots	44.00
Lots of 10 to 25 lbs., 47½c lb. On Larger Lots Ask For Prices.	

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retail at 85c per lb.) Price, \$48.00 per 100 lbs.; 5-lb. cartons (ea., \$3.75), per 100 lbs., \$50.00; 1-lb. cartons (each 55c), per 100 lbs., \$51.00. Orders for 10 to 25 lbs., 50½c per lb.

Vaughan's No. 25 Lawn Mixture

100 lb. bags, \$30.00; 1-lb. cartons (ea., 40c), \$33.50 per 100 lbs.; 5-lb. bags (ea., \$1.75), \$32.00 per 100 lbs.; 10 to 25 lbs., 32½c per lb.; retails 55c per lb.

JOHN C. VAUGHAN, PRES.

CARL V. CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Company

NEW YORK 7,
47-49 BARCLAY ST.

NURSERIES.
WESTERN SPRINGS ILL.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to Vaughan's Seed Co. WUX Chicago, or WUX New York to speed handling. This insures prompt delivery to us by teletype.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items and flower seeds).

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than \$25.00, 5%, and over \$25.00, 8% may be deducted if cash is enclosed.

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are **POSITIVELY** not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express, Truck or Freight.** If no routing is given, we will use our judgment but cannot be responsible for any delay or over charges.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods**.

INSURANCE. We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

10% on special offers and cut-rate collections, none on bulb collections.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED CO., gives no warranty express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

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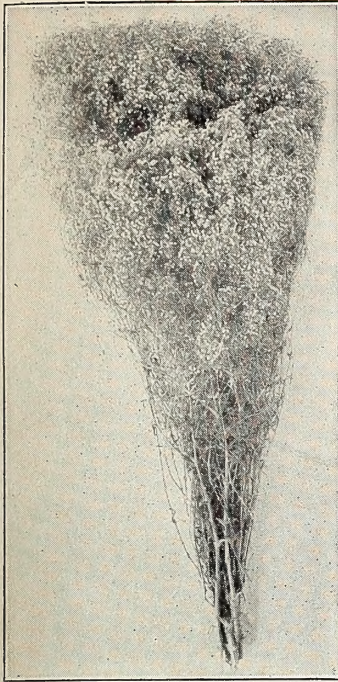
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DOMESTIC PARCEL POST RATES

Packed by _____ Shipped by _____ Style of Package _____

Wreath and Bouquet Material



GYPSOPHILA

GYPSOPHILA (Baby Breath). Pure White Flowers. Full large bunches. Per bunch, \$1.65; 10 bunches for \$15.50.

COLORED GYPSOPHILA. Rose Pink, Lavender, Green, Yellow, Blue, Gold and Red. Per bunch, \$2.10; 5 bunches for \$10.00.

Prices subject to change without notice.



No. 610 WAX PAPER ROSES. Natural imitation, on short wire stem; colors, red, pink, white, yellow. Packed 200 to box. Per box, \$8.00.

No. 553 RED LACQUERED POINSETTIAS. Made of red lacquered paper, about 4½ inches in diameter, 8 petals, on 3½ inches wire stem. 1 doz. to a bunch, doz., 75c; gross, \$7.20.

CRINKLEBUSH. Silver Metallic, a fine lacy item used for a filler in making artificial wreaths. Very popular for silver decorations. Price, \$1.50 per lb., any quantity.



CRINKLE BRUSH



OAK SPRAY

TIN FOIL. 5, 6 or 7 inch, 1 lb., 30c; 25 lbs., \$6.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00.

WIRE RINGS. For making wreaths.

10 inch, per 100, . . . \$1.60

12 inch, per 100, . . . 1.95

14 inch, per 100, . . . 2.35

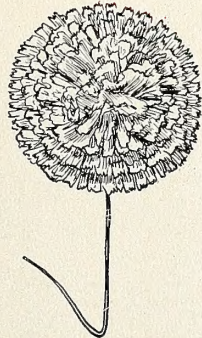
No. 9C WAXED CARNATIONS. Natural imitation, on wire stem; colors, red, pink and white. Packed 200 to box. Per box, \$7.95.



OAK BRANCHES, Prepared, Brown, Red, and Green.

Prices	Short	Long
10 lbs.	\$3.50	\$3.25
25 lbs.	8.25	7.50

Specify color when ordering
STATICE, for Basket and Wreath Work. Natural. 1 lb., \$1.10; 5 lb. carton, \$5.00; 10 lbs., \$9.50.



CHRYSANTHEMUM



STAR FLOWERS

STAR FLOWERS (DIAMOND FLOWERS). Small natural dried flowers, dyed in a variety of colors, suitable for all kinds of floral and decorating work. Can be had in the following colors, red, green, pink, yellow, dark blue, light blue, purple, lavender, orange, cerise, brown, dubonet, orchid, salmon, autumn color and natural white. Packed 1 oz. to bunch, 16 bunches or 1 lb. to carton. Per carton, \$3.25.

No. 5 PAPER CHRYSANTHEMUMS. Short stemmed, made of Tissue Paper, about 5 in. in diameter, on short wire stem. Colors, white, yellow and orange. 4 doz. to box, per box of 48, \$5.00.

LYCOPodium, Prepared and Green Dyed. 5 lb. carton, \$1.80; 10 lb. carton, \$3.25; 25 lbs., \$7.50.

TRANSPARENT RED LYCOPodium. Price, 5 lb. carton, \$6.00; 10 lb. carton, \$11.00; 50 lb. carton, \$48.00. Write for prices on larger quantities.

PREPARED LYCOPODEUM WREATHS. The best selling cemetery wreaths for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers.

11" Decorated, per dozen . . . \$4.50
14" Decorated, per dozen . . . 9.60



STATICE

SPHAGNUM MOSS

Bright, Clean, New Growth, Free From Brush or Grass. Selected Best Grade.

BURLAPPED BALES. (48x14x16 inches) F. B. O. Wisconsin points, 10-bale lots, per bale, \$1.85; 25-bale lots, per bale, \$1.75. Write for prices on moss in large quantities. F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. Chicago. Single bale, \$2.35; 10-bales, \$21.00. Write for prices on larger quantities. New York prices 35c bale higher. Cartage free.

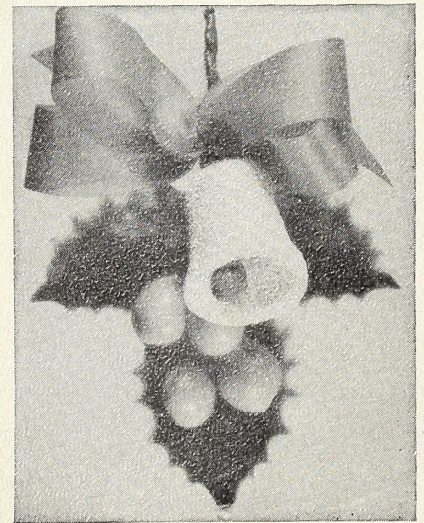
**VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS**

Burlapped Bales

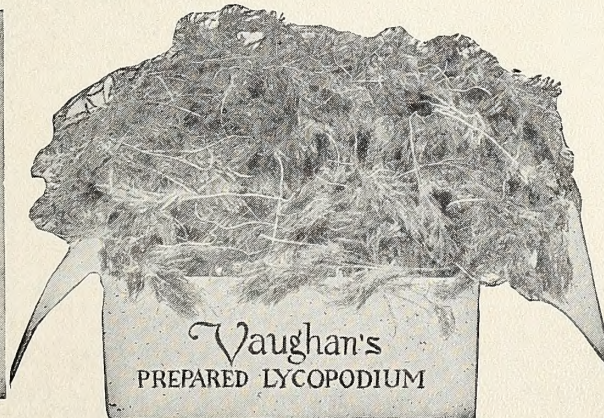
CHRISTMAS BELL CORSAGE. No. 2 is about 3 x 4 inches in size, made of a 3-part green lacquered Holly Leaf, red Holly Berries, one small natural Pine Cone, two special shaped Bells, green Lycopodium, Stem covered with rubber tape and a red Ribbon Bow, making it a most attractive looking corsage. Price, per carton 3 dozen, \$6.75.

CHRISTMAS BELL CORSAGE. No. 5 is about 2½ x 3½ inches in size, made of a 3-part green lacquered Holly Leaf, red Holly Berries, one special shaped bell, stem covered with rubber tape and a red Ribbon Bow, making it also very attractive looking, only a little smaller in size than the No. 2. Price, per carton of 3 dozen, \$4.95.

HOLLY BERRIES. No. 86 Red Holly Berries on wire stems, per gross, 50c; 10 gross for \$4.75.



BELL CORSAGE.



**Vaughan's
PREPARED LYCOPodium**

Sweet Peas

Early-Flowering Spencer

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, 10c.
Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, 1/2 oz., 30c; 1 oz., 50c;
1/4 lb., \$1.50; lb., \$5.50.

BLUE, LAVENDER AND PURPLE

- Amethyst. An early-flowering "Royal Purple." Fragrant.
- Ball Blue Supreme. Much larger flowered than Mrs. Hoover, a long stemmed heavy producer.
- Blue Bird. Violet blue. Fragrant.
- Frangrance. Large frilled lavender flowers, for spring blooming.
- ★Harmony. Popular lavender, fragrant.
- Mariner. Clear marine blue.
- ★Mrs. Herbert Hoover. Bright blue. Fragrant.
- Princess Blue. Rich light blue.
- Tahoe. Midblue. Spring blooming.
- Top Hat. Deep velvety violet blue.
- ★Triumph. Deep lilac mauve.
- ★Twilight. A medium clear lavender.

PINK, ROSE AND SALMON

- American Beauty. A rich crimson rose.
- ★Apollo. A soft salmon-cerise. Fine spring bloomer long stemmed.
- ★Ball Rose Improved. Extra rich deep rose.
- Ball Rose Supreme. Large wavy flowers of bright silvery rose pink.
- Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.
- ★Boone. Deep salmon-pink.
- ★Bridesmaid. Deep silvery pink with stems unusually long.
- ★Daphne. A soft salmon-pink.
- Giant Rose Pink. Fragrant. Rose pink.
- Jeanne Mamitsch. Rose pink, long stemmed.
- Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
- ★Laddie Improved. Light rose-pink. Fragrant. Long stemmed.
- ★Mrs. R. H. Holscher. Rose-pink.
- New Ball Rose. Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited.
- ★Sequoia. A rich golden salmon-rose.

ORANGE

- ★Ball Orange Improved. Clear deep glowing orange.
- Fiesta. Brilliant orange cerise, definitely sunproof.
- ★Treasure Island. A sparkling golden orange. Very large flowered and semi-duplexed.
- Valencia. Sunproof orange. Long stems for spring blooming.

WHITE AND CREAM

- Ball White. Large flowered, long stemmed, pure white.
- Cascade. Very large flowered white, white-seeded.
- Gardenia. Fragrant velvety white flowers, ruffled and duplexed.
- ★Hope. A mammoth-flowered black-seeded pure white.
- Oriental. Black seeded cream.
- ★Snow Queen. Pure white, black-seeded. Sow to follow "mums."
- ★White Champion. Best early-flowering white-seeded white.
- ★White Harmony. A standard black-seeded white.

SCARLET AND MAROON

- Bacchus. Mammoth flowered duplex. Rich red maroon.
- Grenadier. Dazzling scarlet.
- Pride. Pure cerise large flowers on long stems.
- Redwood. Dark velvety crimson.
- Sparks. Brilliant poppy scarlet.

Vaughan's Special Formula Mixture, Early Flowering Spencers
from named sorts. 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.35; lb., \$5.00.

Extract from Florist Exchange. March 29, 1947

Sweet Peas were the main attraction in the commercial classes Wednesday at the New York Flower Show Spring 1947, and the scale of points upon which they were judged gave 60 points to quality of bloom, 30 for artistic arrangement and 10 for general effect. The entries covered a 50 sq. ft. table arranged for effect with foliage and accessories permitted. Vaughan's Seed Co., N. Y., took first. The blooms shown by Vaughan's were grown by A. J. Maier, Wantagh, N. Y., and included Twilight, Bridesmaid, Snow Queen, Boon, Sequoia, Triumph and Daphne. Stem length averaged well over a foot and all stems bore at least four flowers.



SWEET PEAS, SPRING FLOWERING (CUTHBERTSON)

Sweet Peas

Spring-Flowering (Cuthbertson)

The following list of Spring Flowering varieties represents the latest improvements in this increasingly popular class. They retain identical characteristics of the already popular Spring Flowering Peas in every respect, but represent further refinements and the addition of several new colors. Seed available after new crop, September 1st.

Seed should be sown from the middle or end of October to February in the greenhouse for flowering in spring and summer or outside just before ground freezes up.

- Billy. Light carmine.
- Carol. Clear pink, white ground.
- Coline. Scarlet.
- David. Bright rose crimson.
- Evelyn. Salmon cream pink.
- Frank G. Rosy lavender.
- Hazel. Light blue.
- Janet. Black seeded white.
- Kenneth. Rich ox blood crimson.
- Lois. Rose pink white ground.
- Tommy. Clear medium blue.

Each of the above. 1/2 oz., 35c; oz., 65c; 1/4 lb., \$2.00; lb., \$6.50.

Mixed. All the above and others.
1/2 oz., 30c; oz., 55c; 1/4 lb., \$1.65; lb., \$5.50